

20001208.qrp v02\_n030.qrl.20001208

Date: Fri, 8 Dec 2000 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2030

QRP-L Digest 2030

Topics covered in this issue include:

- 1) [85700] Summary: Advice on Loop  
by Steve Muncy <listsubs@sintezo.com>
- 2) [85701] Re: pacemaker - RF  
by "Russ Hines" <radioruss@fuse.net>
- 3) [85702] If NOT TT2 Then WHAT?  
by "Chuck Carpenter" <w5usj@globeco.net>
- 4) [85703] Re: If NOT TT2 Then WHAT?  
by Phil Wheeler <w7ox@earthlink.net>
- 5) [85704] voice over Pixie  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [85705] While we're on the subject of loops...  
by Dave Marling <dbm@klis.com>
- 7) [85706] Re: [85645] Re: StripboardMagic  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 8) [85707] Truffle hunt is on! N8IE  
by Macstein@aol.com
- 9) [85708] Re: FYBO Rules  
by preacher102677@juno.com
- 10) [85709] Pacemakers  
by Ray Sills <raysills@1stconnect.com>
- 11) [85710] Re: Pacemakers  
by Paul Womble <pwomble1@tampabay.rr.com>
- 12) [85711] Re: www.5watt.com needed States/Providences  
by "Tom" <tmccullo@suffolk.lib.ny.us>
- 13) [85712] Re: Truffle hunt is on! N8IE  
by hamjoel@juno.com
- 14) [85713] Foxhunt: Team Score Site ?  
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 15) [85714] Truffle Hunt de N8IE  
by Shepherd@aol.com
- 16) [85715] Re: If NOT TT2 Then WHAT?  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 17) [85716] Re: FYBO Rules  
by Brian <brian@iquest.net>
- 18) [85717] Re: [fpqrp] Truffle Hunt de N8IE  
by Shepherd@aol.com
- 19) [85718] FOX- Any leads yet on that broad digital signal?

by Kevin L Anderson <k9iua@juno.com>

20) [85719] FOX Skunked!  
by "Karl F. Larsen" <k5di@zianet.com>

21) [85720] Re: FOX Skunked!  
by Macstein@aol.com

22) [85721] Re:TT2 and SOP Kits are retired  
by N0BN@aol.com

23) [85722] Loop Antennas  
by mugglesto@megsinet.net

24) [85723] CONTEST-QRP Calendar Dec 8/14  
by Ken Newman <N2CQ@citnet.com>

25) [85724] Elecraft K1 vs Sierra Help in Deciding Please.  
by "Bradford Ashley" <drashley@hotmail.com>

26) [85725] Pacemakers - I Have One  
by SMurph555@aol.com

27) [85726] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
by Phil Wheeler <w7ox@earthlink.net>

28) [85727] 40 Meter VFO for the SMK-1 and other Rock-Bound-Rigs  
by "Trevor Jacobs" <fxtech@earthlink.net>

29) [85728] Re: NC 40/Problem.....Long  
by RangerSF5@aol.com

30) [85729] Re: TT2 and SOP Kits are retired  
by SKIPNC90@aol.com

31) [85730] Re: [fpqrp] Truffle Hunt de N8IE  
by Andrew Madsen <andrew@utahdesign.com>

32) [85731] Re: www.5watt.com needed States/Providences  
by wa4dou@excite.com

33) [85732] Re: NC 40/Problem.....Long  
by "Trevor Jacobs" <fxtech@earthlink.net>

34) [85733] CLUB: WestFLA Meeting Reminder - Meeting on 16 December, \*NOT\* 9  
December  
by "Stephen D. Cohen" <scohen@tampabay.rr.com>

35) [85734] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
by "pschweitzer" <pschweitzer@netzero.net>

36) [85735] Need Nevada?  
by W1R0@aol.com

37) [85736] HT-18 for QRP?  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

38) [85737] FOX was listening...really!  
by Don Minkoff <cowchip@mediaone.net>

39) [85738] Slightly OT - Kid needs help on paper  
by KB90CE@aol.com

40) [85739] Re: FOX was listening...really!  
by "Tom's mail" <n1tp@worldnet.att.net>

41) [85740] HT-18 / OHR-400 Questions  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

42) [85741] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>

43) [85742] FOX: corrected log for 12/5  
by Dan Presley <talljazz@teleport.com>  
44) [85743] Re: Need Nevada?  
by RangerSF5@aol.com  
45) [85744] Iridium  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
46) [85745] Re: Need Nevada?  
by Bob Patten <n4bp@bc.seflin.org>  
47) [85746] Re: Need Nevada?  
by RangerSF5@aol.com  
48) [85747] Re: Iridium  
by "Karl F. Larsen" <k5di@zianet.com>  
49) [85748] Re: FOX was listening...really!  
by "Karl F. Larsen" <k5di@zianet.com>  
50) [85749] Re: Need Nevada?  
by hamjoel@juno.com  
51) [85750] RE: pacemaker - RF  
by Rick Sealey <rsealey@infoave.net>  
52) [85751] FOX Band conditions  
by "Karl F. Larsen" <k5di@zianet.com>  
53) [85752] I need more than Nevada....  
by Steve Muncy <listsubs@sintezo.com>  
54) [85753] [re]Kenwood TS-830S  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
55) [85754] Re: Need Nevada?  
by Bob Patten <n4bp@bc.seflin.org>  
56) [85755] Re: Palm OS contest logger?  
by Bruce Grubbs <n7ceeqrp@earthlink.net>  
57) [85756] Re: Need Nevada?  
by baltimoremd@baltimoremd.com  
58) [85757] 42 Years Ago Today . . .  
by Ed Kessler <edkess@epix.net>  
59) [85758] Re: Now Showing: The ARS Sojourner  
by "Lau, Zack, W1VT" <zlau@arrl.org>  
60) [85759] RE: 42 Years Ago Today . . .102 years ago...  
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>  
61) [85760] Re: HT-18 / OHR-400 Questions  
by Ray Colbert <w5xe@juno.com>  
62) [85761] New NorCal rig??  
by kcruise@juno.com  
63) [85762] Re: Now Showing: The ARS Sojourner  
by "Victor Blackwell" <victor@brecnet.com>  
64) [85763] Re: Now Showing: The ARS Sojourner  
by Mike <mmorrow@companet.net>  
65) [85764] Re: 42 Years Ago Today . . .102 years ago...  
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>  
66) [85765] Re: HT-18 for QRP?  
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>

- 67) [85766] Re: HT-18 for QRP?  
by baltimoremd@baltimoremd.com
- 68) [85767] Re: Now Showing: The ARS Sojourner  
by "Victor Blackwell" <victor@brecnet.com>
- 69) [85768] Re: Need Nevada?  
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 70) [85769] Antennas  
by "Ron, KU7Y" <ku7y@qsl.net>
- 71) [85770] Wire Nuts, Skunks, and Friends  
by Macstein@aol.com
- 72) [85771] MS-15 kits now shipping  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 73) [85772] Next Melt Solder kit  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 74) [85773] RE: 42 Years Ago Today . . .102 years ago...  
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
- 75) [85774] Re: FOX was listening...really!  
by Bob Nielsen <nielsen@oz.net>
- 76) [85775] pacemaker dilemma  
by Anthony Felino <anthony@pacinfosb.com>
- 77) [85776] morse code cards  
by wlfisher@bellatlantic.net
- 78) [85777] morse code cards  
by wlfisher@bellatlantic.net
- 79) [85778] Re: Need Nevada?  
by Bob Patten <n4bp@bc.seflin.org>
- 80) [85779] FS ZIF sockets  
by n2go@arrl.net
- 81) [85780] Re: FOX Band conditions  
by "George, W5YR" <w5yr@att.net>
- 82) [85781] Re: FOX was listening...really!  
by "K7FD" <cqdx@teleport.com>
- 83) [85782] Re: 40 Meter VFO for the SMK-1 and other Rock-Bound-Rigs  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 84) [85783] Re: Need Nevada?  
by agtaylor@llnl.gov
- 85) [85784] Re: Now Showing: The ARS Sojourner  
by Phil Wheeler <w7ox@earthlink.net>
- 86) [85785] Re: morse code cards  
by "George, W5YR" <w5yr@att.net>
- 87) [85786] Re: FOX was listening...really!  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 88) [85787] Re: Now Showing: The ARS Sojourner  
by Russ Carpenter <russ@natworld.com>
- 89) [85788] 50:75 Ohm transformer.  
by Ed Loranger <we6w@qsl.net>
- 90) [85789] Re: 50:75 Ohm transformer.  
by Ed Loranger <we6w@qsl.net>

- 91) [85790] Re: morse code cards  
by "Chuck Carpenter" <w5usj@globeco.net>
- 92) [85791] Gel Cell Wanted 26 A/h  
by "Craig A. Ferris" <cferris@aeronix.com>
- 93) [85792] need a part  
by RangerSF5@aol.com
- 94) [85793] [OT]: morse code cards  
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 95) [85794] Re: [OT]: morse code cards  
by "George, W5YR" <w5yr@att.net>
- 96) [85795] Re: [OT]: morse code cards  
by "Mike Yetsko" <myetsko@insydesw.com>
- 97) [85796] Morse cards  
by markmilburn <markmilburn@netzero.net>
- 98) [85797] RE: pacemaker - RF  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 99) [85798] RE: Pacemakers  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 100) [85799] RE: I need more than Nevada....  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 101) [85800] RE: Need Nevada?  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 102) [85801] Re: [OT]: morse code cards  
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>
- 103) [85802] Re: Need Nevada?  
by RangerSF5@aol.com
- 104) [85803] Need Nevada?  
by Bcieslak@ra.rockwell.com
- 105) [85804] Re: [OT]: morse code cards  
by "Victor Blackwell" <victor@brecnet.com>
- 106) [85805] RE: Need Nevada?  
by "John L. Sielke" <w2agn@pobox.com>
- 107) [85806] Re: [OT]: morse code cards  
by ed.kwik@delphiauto.com
- 108) [85807] ARS Sojourner K1 Review - Comments  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 109) [85808] What IS "real" QRP?  
by smckean@birch.net
- 110) [85809] Re: Where's all the help??  
by RangerSF5@aol.com
- 111) [85810] What IS "Real" QRP?  
by smckean@birch.net
- 112) [85811] Re: [OT]: morse code cards  
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 113) [85812] Contest: QRPDUPE - 10M Phone Problem  
by Brian Kassel <bkassel@dancris.com>
- 114) [85813] Contest Calendar 2001 for the QRPers  
by "Ron Polityka" <wb3aal@fast.net>

- 115) [85814] RE: [OT]: morse code cards (Long)  
by schoon@amgt.com
- 116) [85815] MDS of Elecraft K1  
by Michael Melland <badger@vbe.com>
- 117) [85816] Re: What IS "real" QRP?  
by "George, W5YR" <w5yr@att.net>
- 118) [85817] RE: Where is all the help?  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 119) [85818] RE: [OT]: morse code comment  
by "Charles Mabbott" <crmabbott@mediaone.net>
- 120) [85819] Re: Where's all the help??  
by Phil Wheeler <w7ox@earthlink.net>
- 121) [85820] QRPP Renewals - Winter Issue  
by Paul Maciel <pmaciel@inow.com>
- 122) [85821] Chuck, just what is your position?  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 123) [85822] Re: Where is all the help?  
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 124) [85823] [PROP] WEEKEND CONDITIONS  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 125) [85824] For Sale (Update) QRP Gear  
by SABorns@aol.com
- 126) [85825] Re: Chuck, just what is your position?  
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 127) [85826] SMK-1  
by "Ken Kirkley" <ogbc@mindspring.com>
- 128) [85827] Contest: QRPDUPPE 10M Phone Bug fixed  
by Brian Kassel <bkassel@dancris.com>
- 129) [85828] Morse Code Tutor  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 130) [85829] Kenwood HF gear FS  
by "Ken Simpson" <W8EK@fdt.net>

-----

Date: Thu, 07 Dec 2000 18:01:35 -0600  
From: Steve Muncy <listsubs@sintezo.com>  
To: QRP List QRP-L <qrp-l@lehigh.edu>  
Subject: [85700] Summary: Advice on Loop  
Message-ID: <B65580FF.37E5%listsubs@sintezo.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Wow! Does this list ever respond, or what! I've receive many, many replies to my quest for advice on a loop system - more than I can personally respond to -- and quite a few replies were directed to me and not to the list.

The overwhelming majority recommended that I (1) go with a loop; (2) put as much wire in the air as possible, and as high as possible; and (3) use 450-ohm window line. I particularly appreciated the testimonials based on personal experience that indicate this is the right way to go. I'll put up the loop with window line sometime after Christmas.

I found the discussions about 450-ohm ladder line versus coax to be particularly interesting. I've had a twelve-year lapse in my operating habits, but I came down on the side of ladder line long ago. Years ago, a good friend and ham VERY experienced with antennas, John, WB5IIR (now SK) gave me some excellent advice about how to put up an effective antenna on my antenna-challenged lot. "Put up an inverted-vee dipole," he said, "as high as you can get it and as long as you can make it. Feed it with ladder line and use a really good antenna tuner. Then forget about it and get on the air." At that time I tended to obsess about the "to the tenth of an inch" length and resonance and SWR. He didn't claim that resonance and SWR and feedlines weren't important topics - but he did believe that the best all-round, multiple-band antenna was exactly as described - and I used that antenna for a long time with outstanding results.

Unfortunately, I never asked him about loops.....

Thanks again for all the great comments and suggestions. I subscribe to many email lists (reflectors) and moderate and supervise more than a dozen such lists. This is one of the best-behaved and most productive lists I know.

Have a Happy Holiday!!!

-----  
Steve Muncy, NI5V <mailto:smuncy@sintezo.com>  
Dallas, TX <<http://www.sintezo.com/smuncy/hamradio/>>  
QRP-ARCI #10330 QRP-L #2191 FISTS # 7412

-----  
Date: Thu, 7 Dec 2000 19:08:36 -0500  
From: "Russ Hines" <radioruss@fuse.net>  
To: <ewilson@nccn.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85701] Re: pacemaker - RF  
Message-ID: <004501c060ab\$0392cb80\$082044d8@rbhines>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry to hear that, Doug. Best wishes to you.

Regarding your question, I'm not enough of an "expert" to advise you. However, I think I would ask the doctor if cellphones and garage door openers (QRP, right?) were okay for you to operate. ;-)

73,  
Russ Hines  
WB8ZCC  
radioruss@fuse.net  
wb8zcc@arrl.net  
<http://home.fuse.net/radioruss>

----- Original Message -----

From: Elda & Doug Wilson <ewilson@nccn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, December 07, 2000 5:05 PM  
Subject: pacemaker - RF

> I have a ham friend that recently received a pacemaker. He told me  
> his doctor informed him that he could not operate his radio  
> equipment.  
>  
> I also have a heart condition that is worsening and my cardiologist  
> told me that a pacemaker would probably be the next step. I am not  
> ready to give up ham radio and wonder if others on this list have  
> had a similar experience and can give me some information?  
>  
> Thanks,  
>  
> Doug Wilson   k6rpn  
> Grass Valley, CA  
>  
>  
>

-----  
Date: Thu, 07 Dec 2000 18:30:59 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-1@Lehigh.EDU  
Subject: [85702] If NOT TT2 Then WHAT?  
Message-ID: <3.0.2.32.20001207183059.0069eb88@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Folks, as you may have seen, the NJQRP group has discontinued the TT2 kits.



They made a long run and I waited too long.

Is there a kit or other source of parts out there comparable to the TT2?

I'd like to get the parts in a batch already collected rather than do it by the piece.

But...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Thu, 07 Dec 2000 16:36:10 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: w5usj@globeco.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85703] Re: If NOT TT2 Then WHAT?  
Message-ID: <3A302CFA.1D6F6A05@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, there is the SMK-1 (kit by NorCal, enclosure by NJ). A transceiver with SMT parts.

<http://www.fix.net/~jparker/norcal/smk1/smk1announce.htm>

73, Phil W7OX

Chuck Carpenter wrote:

>  
> Folks, as you may have seen, the NJQRP group has discontinued the TT2 kits.  
> They made a long run and I waited too long.  
>  
> Is there a kit or other source of parts out there comparable to the TT2?  
>  
> I'd like to get the parts in a batch already collected rather than do it by  
> the piece.  
>  
> But...  
>  
> Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----

Date: Thu, 7 Dec 2000 18:40:18 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <greko\_s@yahoo.ca>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [85704] voice over Pixie  
Message-ID: <018301c060af\$700e42e0\$5ac07481@rohredt2000>

Sam,

The pixie transceiver detector scheme is set up for CW. There is no provision for SSB or AM voice.

If you listened to AM on it, you would hear the whistle of the oscillator running all the time. It would pick up SSB, but not with good selectivity. They are toy CW radios, not really serious ones.

All that said, however, you could AM modulate one with a small audio amplifier through a high impedance transformer winding most likely, or an audio choke, in what is called Heising modulation of the positive voltage supply to the final transistor. With such a set up, and a low dipole, you might work across town on 40M, but almost no one operates 40 AM any more. You might make a Pixie for 75M and work AM up there. I think a few hang out there, and perhaps more on 160M. I have not seen the coil and cap values for 75 or 160, but if you made the coil for 40M twice as large in theory it would tune 75/80M. Twice as large again to get 160M. And changing the crystal, as well as all the caps that tune the pi net output tank. Pretty major project.

In place of that look at Small Wonders Labs web page for the White Mountain series of SSB transceivers for under \$140. That is a true SSB unit and good for 2 watts as I recall.

GL and 73,  
Stuart K5KVH

-----  
Date: Thu, 07 Dec 2000 21:03:37 -0400  
From: Dave Marling <dbm@klis.com>  
To: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [85705] While we're on the subject of loops...  
Message-ID: <3A303369.DB6DC8C5@klis.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Steve really started something when he asked about horizontal loop antennas. Some good questions asked and good information given about

them. Seems like there is also much mis-information around on them - cloud warmers or dx, balun or direct. Time and valid experimentation will sort this all out. In the meantime I'm happy with mine :)

For a look at the loop and some of the rest of the equipment setup at VE1VQ, take a look at:

<http://home.klis.com/~dbm/marling/radio.htm>

73,  
Dave  
VE1VQ

-----  
Date: Thu, 7 Dec 2000 20:24:00 -0500 (EST)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: leon\_heller@hotmail.com  
Cc: nvcw@village.uunet.be, qrp-1@Lehigh.EDU  
Subject: [85706] Re: [85645] Re: StripboardMagic  
Message-ID: <200012080124.UAA02184@panix3.panix.com>

I got the last or very nearly the last a couple of years ago.  
The support address given is sbm@elddon.ndirect.co.uk or  
SBM Technical Support, 84-86 Park Lane, Thatcham, Berks., RG18 3PG

73, doug

Date: Thu, 07 Dec 2000 08:34:58  
From: "Leon Heller" <leon\_heller@hotmail.com>

>  
>Does anyone know if the StripboardMagic software package is still available  
>? If so, who sells it ? In the past it was Ambyr Ltd, UK, but I don't  
>find  
>them on the internet.

They stopped trading a couple of years ago. Maplin used to stock it, but I don't think that they have any copies left.

73, Leon

--  
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
IRISSYS Ltd: <http://www.irisys.co.uk>

-----  
---  
Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

-----  
Date: Thu, 7 Dec 2000 20:32:54 EST  
From: Macstein@aol.com  
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [85707] Truffle hunt is on! N8IE  
Message-ID: <6d.c865e9f.27619446@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Dan has a good sig into FL!! Go get him to warm up for the Fox Hunt!!

72 es oo

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,  
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,  
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51  
and various other annual \$15 commitments.

-----  
Date: Thu, 7 Dec 2000 20:12:11 -0500  
From: preacher102677@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [85708] Re: FYBO Rules  
Message-ID: <20001207.204820.-184381.8.preacher102677@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Ima Tech +! I wanna play!  
I'm not very good at code yet though....

PS,  
I live in Atlanta.

LIC,  
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."  
Photographer, Philosopher, Preacher, Pirate, Poet.  
DE KG4GVL Clear.

-----  
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-----  
Date: Thu, 07 Dec 2000 21:58:46 -0500  
From: Ray Sills <raysills@1stconnect.com>  
To: QRP list <qrp-l@Lehigh.EDU>  
Subject: [85709] Pacemakers  
Message-ID: <B655ACCB.852%raysills@1stConnect.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Group:

I certainly think that pacemaker manufacturers would have to be aware of the fact that most of us live in a RF environment. Granted, some members of the medical community made a big goof by operating medical monitoring equipment on "unused" TV channels, only to discover that with the new digital TV transmissions that the medical gear was utterly unusable. In one case, the TV station went QRT, pending a resolution.. and -they- were the primary and -licensed- users of that part of the spectrum.

There must be many tens of thousands of pacemakers implanted in people, and those people walk the streets of big cities, with TV transmitters of mega power.. CB rigs (with or without "footlockers") passing within several feet of the pacemaker.. not to mention police, taxi, and other dispatch radio services. And those services are often -not- QRP.

So, my suspicion is that HF QRP operation should be safe. I might get a little concerned about UHF/SHF operation where the wavelengths are short enough to resonate inside the wiring of a pacemaker. But, it's sure worth talking to your physician about RF interference, should you be a candidate for pacemaker implantation. I'd even ask the manufacturer. They certainly don't want to be in a product liability situation.

73 de Ray  
K2ULR  
FN20t1  
East Brunswick, NJ

-----  
Date: Thu, 07 Dec 2000 22:10:30 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85710] Re: Pacemakers  
Message-ID: <3A305126.11114CE0@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Look on the roof of most hospitals...LOTS of high power  
VHF/UHF/Microwave paging, repeaters, etc. Even cardiac units with  
monitors usually have wireless telemetry for the monitors. I know the  
ER at one of our hospitals has a transmitter/transponder to relay cell  
phone/800 MHz public safety radio into the building because of lack of  
coverage from the tower sites. The building also has a wireless  
intercom system that is on UHF.

LOTS of rf all over the place.

73  
Paul K4FB

-----  
Date: Thu, 7 Dec 2000 22:16:30 -0500  
From: "Tom" <tmccullo@suffolk.lib.ny.us>  
To: <bl@csi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85711] Re: www.5watt.com needed States/Providences  
Message-ID: <008a01c060c5\$43916600\$676d8bd1@tmccullo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
>Thanks to all the willing Amateurs who have listed their Callsigns on

>www.5watts.com.

>

>Below is a list of States/Providences that do not have any Ham listed.

>If you live in one of these areas or know a ham who does, maybe you/they

>would consider putting a listing on www.5watts.com.

>

>USA

>

>    Arkansas

>    Delaware

<snipped>

Does anyone know if Delaware has any hams?? I can't seem to work any :)

Tom

wb2qdg

-----  
Date: Thu, 7 Dec 2000 22:13:36 -0500

From: hamjoel@juno.com

To: qrp-1@lehigh.edu

Subject: [85712] Re: Truffle hunt is on! N8IE

Message-ID: <20001207.221432.-387621.2.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Bagged the little truffle, I did. got him as he tried to hid...

oink oink I say, bagged me a truffle today...

kella joel

in maine

mainely trufffleing

-----  
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-----  
Date: Thu, 7 Dec 2000 21:18:24 -0600

From: "Jerry Scherkenbach" <jerrys@execpc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [85713] Foxhunt: Team Score Site ?  
Message-ID: <001301c060c5\$873fc0e0\$5984cfa9@Pjerrys>

Anyone have a link to a site with foxhunt team scores?  
<http://www.neknetwork.com/foxteam/> is fairly out of date at this point.

72  
Jerry N9AW

-----  
Date: Thu, 7 Dec 2000 22:17:51 EST  
From: Shepherd@aol.com  
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [85714] Truffle Hunt de N8IE  
Message-ID: <ea.e48dbdb.2761acdf@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Thanks all for stopping by, this is a nice little warm up befor the Fox Hunts.  
If you want to be a truffle, just let me know, we have plenty of slots open,  
we'll even let you be one if your not in the FP's. :-)

So here's the log, let me know if I missed anything.

Time	Call	Rec	Snt	Ste	Name	Nr
0130	af4ps	559	559	fl	mac	nr 51
0132	w2xn	559	559	fl	fred	nr126
0135	k5hqv	559	559	fl	mich	5watts
0139	ac5jh	449	449	ok	tom	nr
0140	k5zty	549	559	tx	bill	5w
0143	aj4ay	559	559	al	jay	5w (his secret FP # is 115)
0144	k4tjd	599	559	ga	tom	5w
0146	ka3wmj	559	559	pa	ken	3w
0154	n5ib	559	559	la	jim	5w
0155	w0ch	589	599	mo	dave	nr 32
0157	ke1da	559	559	me	joel	5w
0158	k0evz	589	599	nd	doc	nr 49
0159	n4so	599	559	al	charles	5w

72, 73, oo's  
Dan, N8IE Kettering, Oh  
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284



<http://members.aol.com/shephed/n8ie.htm>

-----  
Date: Thu, 7 Dec 2000 19:19:31 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85715] Re: If NOT TT2 Then WHAT?  
Message-ID: <003701c060c5\$af2d9dc0\$cd12f4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Chuck,

    The Norcal SMK-1 is a great kit to replace it. It is the TT2 + an MRX-40 receiver in one package. Check it out, you'll have a lot of fun with it!  
Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Chuck Carpenter <w5usj@globeco.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, December 07, 2000 4:30 PM  
Subject: If NOT TT2 Then WHAT?

> Folks, as you may have seen, the NJQRP group has discontinued the TT2 kits.  
> They made a long run and I waited too long.  
>  
> Is there a kit or other source of parts out there comparable to the TT2?  
>  
> I'd like to get the parts in a batch already collected rather than do it by  
> the piece.  
>  
> But...  
>  
>  
>  
> Chuck Carpenter, EM22cv, Point, Rains County, Texas  
>

-----

Date: Thu, 07 Dec 2000 21:51:25 -0500  
From: Brian <brian@iquest.net>  
To: preacher102677@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85716] Re: FYBO Rules  
Message-ID: <3A304CAD.FC1A1C58@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Let me see if I get this right....if I have eleven cents, can I get  
cini-minis?

preacher102677@juno.com wrote:

>  
> Ima Tech +! I wanna play!  
> I'm not very good at code yet though....  
> PS,  
> I live in Atlanta.  
>  
> LIC,  
> G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."  
> Photographer, Philosopher, Preacher, Pirate, Poet.  
> DE KG4GVL Clear.  
>  
>  
> -----  
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--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

-----

Date: Thu, 7 Dec 2000 22:25:13 EST  
From: Shephed@aol.com  
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu  
Subject: [85717] Re: [fpqrp] Truffle Hunt de N8IE

Message-ID: <d3.d9cb8cf.2761ae99@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Let me make a quick correction, I had Joel's call typed wrong. It should be KE1LA.  
Sorry Joel.

72, 73, oo's  
Dan, N8IE Kettering, Oh  
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284  
<http://members.aol.com/shephed/n8ie.htm>

-----  
Date: Thu, 07 Dec 2000 22:34:16 EST  
From: Kevin L Anderson <k9iua@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [85718] FOX- Any leads yet on that broad digital signal?  
Message-ID: <20001207.212811.5367.1.K9IUA@juno.com>

Folks,

Is there any leads on that fairly broad digital signal that has come on around 7040 at foxhunt time?  
(I believe I'm referring that "comb" signal that others have described.)

I'd be really curious as to what mode that is, and who is creating it. It has a nasty tendency to wipe out the fox, like it was for me tonight trying to chase Don, NK6A. Between that signal and a (I assume) more local "sputtering" noise signal that covered everything, it was tough to give Don much more than the 339 when I finally caught him (I hope I'm in the log correctly) at 0316.

Now to go upstairs and chase the kids off our new house toy -- a Pent. III 866 computer.

Cheers/73. Kevin, K9IUA, from North Dakota where there is a cold wind blowing out of the North.  
\*\*\*\*\*  
Kevin Anderson, K9IUA, Lincoln/Bismarck ND  
e-mail: K9IUA@juno.com      Opinions all my own.  
\*\*\*\*\*

-----  
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-----  
Date: Thu, 7 Dec 2000 20:47:21 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: qrp-1@lehigh.edu

Subject: [85719] FOX Skunked!

Message-ID: <Pine.LNX.4.10.10012072043250.1854-100000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Well even my cloud warmer antenna could not reach the fox tonight. He is 119 in Southern NM and I can tell when he stands by cuzz the buzz saw sound changes. I even copied who he is working and they are all further away than me. Still a very large crowd tring to get a pelt, but I'm now convinced he can't hear me. So time for a shower.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 7 Dec 2000 22:52:03 EST

From: Macstein@aol.com

To: k5di@zianet.com, qrp-1@lehigh.edu

Subject: [85720] Re: FOX Skunked!

Message-ID: <50.e68903e.2761b4e3@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 12/7/2000 10:48:06 PM Eastern Standard Time, k5di@zianet.com writes:

> Well even my cloud warmer antenna could not reach the fox tonight.

Karl, I'll send you plans for an attic dipole. (kidding)

72

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,  
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,  
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51  
and various other annual \$15 commitments.

-----  
Date: Thu, 7 Dec 2000 23:02:26 EST  
From: N0BN@aol.com  
To: qrp-l@lehigh.edu  
Cc: ghazen@praxsoft.com  
Subject: [85721] Re:TT2 and SOP Kits are retired  
Message-ID: <f.ce1d86c.2761b752@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

George,

My dad Glen n8we and I n0bn thank you and the NJ-QRP Club for bringing the  
kit back and producing it. We had a lot of fun with it (and still do).

Good work and thanks again.

72/73,

Glen n8we Kettering, Ohio  
Daniel n0bn Bailey, Co

-----  
Date: Thu, 7 Dec 2000 20:52:40 -0700 (MST)  
From: mugglesto@megsinet.net  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [85722] Loop Antennas  
Message-ID: <Pine.LNX.4.10.10012072043090.4878-100000@mugleston.mugs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My first year as a Tech+ (my 12 year old son had hit General by then) we  
participated in our first Field Day.

We'll I only had partial directions to the site and we got lost. We drove  
around trying to find ourselves and saw some towers - I new the Colorado  
QRP clup was planning on putting up some towers so we headed there.

We got there and it was a residence. We got out to see if anyone could help us and I noticed (the point of this email) that the owner had a very large loop about 10 feet above the ground. Now you need to realize that there were NO natural supports around.

He had used sections of PVC pipe standing up (not sure the details but playing with sections of rebar hammered into the ground and putting the PVC over it worked for me). On the top of the of the PVC pipe he had fitted with a PVC T. Now he ran the wire through the T around his lot.

There you have it, a self supporting Loop.

de KI00T, Brad

-----  
Date: Thu, 07 Dec 2000 23:16:54 -0500  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [85723] CONTEST-QRP Calendar Dec 8/14  
Message-ID: <3.0.6.32.20001207231654.0080eea0@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
2000 QRP CONTEST CALENDAR

December 8/14  
~~~~~

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday  
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday  
Details: <http://www.qsl.net/k5DI/fox/>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
~~~~~

FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.  
Details: [http://www.fpqrp.com/pig\\_hunt.htm](http://www.fpqrp.com/pig_hunt.htm)

~~~~~

ARRL 10 Meter Contest (CW/SSB) ... QRP Category

Dec 9 - 0000z to Dec 10 - 2400z

Rules: <http://www.arrl.org/contests/announcements/rules-10m.html>

~~~~~

The Great Colorado Snowshoe Run (CW) \*\*\* QRP Contest \*\*\*

Dec 10 - 0300z to 0500z

Rules: <http://home.online.no/~jana1me/rules/snowshoe.txt>

~~~~~

AND LATER.....

~~~~~

AGB (Belarus) Party Contest (CW/SSB) (80m)... QRP Category

Dec 15 - 2100z to 2300z

Rules: [http://www.qsl.net/eu1eu/agb\\_party.htm](http://www.qsl.net/eu1eu/agb_party.htm)

~~~~~

OK DX RTTY Contest

Dec 16 - 0000z to 2400z

Rules: <http://crk.mlp.cz/eng/dxconte.htm>

~~~~~

Croatian CW Contest (CW) ... QRP Category

Dec 16 - 1400z to Dec 17 - 1400z

Rules: <http://home.online.no/~jana1me/htmlrules/9acw.html>

~~~~~  
Holiday Milliwatt CW Contest \*\*\* QRPp Contest \*\*\*

Dec 26 - 1800z to 2200z

Dec 27 - 2000z to Dec 28 0000z

Dec 28 - 2200z to Dec 29 0200z

Rules: (Later?)

~~~~~  
RAC Canada Winter Contest (CW/SSB) ... QRP Category

Dec 30 - 0000z to 2359z

Rules: <http://www.rac.ca/CANWIN.htm>

~~~~~  
Stew Perry (W1BB) Topband Distance Challenge (CW) ... QRP Category

Dec 30 - 1500z to Dec 31 - 1500z

Rules: <http://jzap.com/k7rat/stew.rules.txt>

~~~~~  
Original - QRP - Contest (CW) ... QRP Category

Dec 30 - 1500z to Dec 31 - 1500z

Rules: <http://home.online.no/~janalme/htmlrules/original.html>

~~~~~  
72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>



-----  
Date: Fri, 08 Dec 2000 04:23:17 -0000  
From: "Bradford Ashley" <drashley@hotmail.com>  
To: qrp-1@lehigh.edu  
Cc: wb7tso@arrl.net  
Subject: [85724] Elecraft K1 vs Sierra Help in Deciding Please.  
Message-ID: <F171caQUXPF2aZcdja00002da0@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

To The Group:

I am looking to build a new kit over winter holiday season. I have narrowed my choices to the Elecraft K1 or a wilderness Sierra. What I would like to know from the group is how do the two kits compare. Specifically in terms of ease of operation, receiver preformance, ease of construction... It seems funny that for two bands they cost out at \$269 each??? I would operate mainly on 20m/40m so the K1 wouldn't be a big problem. I am currently building a NorCal SMK and can solder pretty good. Any assistance would be greatly apprieciaded.

Thanks Brad WB7TSO

-----  
---  
Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

-----  
Date: Thu, 7 Dec 2000 23:24:20 EST  
From: SMurph555@aol.com  
To: qrp-1@lehigh.edu  
Subject: [85725] Pacemakers - I Have One  
Message-ID: <3f.d9fe6a0.2761bc74@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi gang,

I've had a pacemaker implanted for over 7 years - matter of fact last year I was figuratively jacked up and a new one implanted. Battery life, you know. I've been active the whole time, with both barefoot transceivers and QRP. Frankly, I've never given the issue of interference to the pacemaker a

second thought. And I operate QRP because I enjoy it - not because of fear of electromagnetic fields. I might, however, be a bit cautious about firing up my 6N2 Thunderbolt.<grin>.

My view is that we're all systems, and psychological well being is important in addition to the physical. Amateur radio is central to my psychological well-being. BTW, in 1989 I had a heart attack. Since then, I've reassured a couple of fellow victims that life doesn't come to an end because of cardiac problems. I'm glad that I gave that reassurance!

So that's my two cents worth regarding cardiac problems, pacemakers and amateur radio. I hope it provides comfort to anyone in need of same. Any replies please send to caljsi@aol.com

And earlier this evening, ZS6AVP came back to my 30M CQ on my Ten Tec 1330 and 30 foot indoor aluminum foil doublet. Life doesn't get much better than that!

72/73

Cal K4JSI

-----  
Date: Thu, 07 Dec 2000 20:32:53 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: drashley@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Elecraft <elecraft@qth.net>  
Subject: [85726] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
Message-ID: <3A306475.17361E46@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bradford Ashley wrote:

>  
> I am looking to build a new kit over winter holiday season. I have  
> narrowed my choices to the Elecraft K1 or a wilderness Sierra. What I would  
> like to know from the group is how do the two kits compare. Specifically in  
> terms of ease of operation, receiver preformance, ease of construction... It  
> seems funny that for two bands they cost out at \$269 each??? I would operate  
> mainly on 20m/40m so the K1 wouldn't be a big problem. I am currently  
> building a NorCal SMK and can solder pretty good. Any assistance would be  
> greatly apprieciaded.  
>

I'd go for the K1, and I have both (the Sierra is pretty much on-the-shelf .. actually in a box up in the rafters).

Reasons:

- o Easier build (fewer toroids)
- o Full QRP power (5 watts)
- o Newer design (subtle, perhaps, but important)
- o More standard items (memory keyer, etc)
- o Much better ergonomics
- o More accessories (soon a noise blanker and internal ATU)

The Sierra is a very nice radio; in 1996 it was the best. But the K1 is a radio for today, and in about the same size package.

73, Phil W70X

-----

Date: Thu, 7 Dec 2000 20:42:31 -0800  
 From: "Trevor Jacobs" <fxtech@earthlink.net>  
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
 Subject: [85727] 40 Meter VFO for the SMK-1 and other Rock-Bound-Rigs  
 Message-ID: <009501c060d1\$4809b140\$cd12f4d8@tjacobs>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Hi Everyone,

Well, I finished up the schemes for the VFO today and sent it to a few of you to check out. Unless I hear anything very negative about the design, I'll make it public very soon along with a circuit description. Best I've done so far with this VFO/SMK-1 mod is VA from CA, so it seems to work well. Take care all and I'll let you know when this will be released.

73  
 Trev  
 KG6CYN

-----

Date: Thu, 7 Dec 2000 23:48:22 EST  
 From: RangerSF5@aol.com  
 To: qrp-l@lehigh.edu  
 Subject: [85728] Re: NC 40/Problem.....Long  
 Message-ID: <84.e4c1466.2761c216@aol.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset="US-ASCII"  
 Content-Transfer-Encoding: 7bit

Hi Gang,  
Some time ago I made a post about this rig.  
1 I peaked the TX & RX.  
2. All was well for several weeks then I lost TX.  
3 Several weeks later I decided to dig it out and look it over.  
I had TX but only on the center of the band.  
If I tuned 10 KC either way TX just dropped off,  
Tonight I looked the rig over again because when I last worked on it I  
shorted the metal case on the final and saw smoke.  
No burnt traces or components on the board.  
I noticed the final seemed loose so I thought maybe 1 or 2 of the legs were  
broken off under it so I removed it.  
It looked good.  
I have a reading from the case to all the legs.(the metal case is "HOT") But  
the 1 leg is NOT isolated from the final but is soldered to the PC board  
ground.  
Is this normal?(I'm missing something here)  
The 2 insulated legs give a reading one way and no reading the other way.  
This sounds OK to me so I put it back.  
No TX but the driver is strong and I can hear it in the 40-A with sitting  
just 3 feet away.  
But the driver stage is NOT getting to the final.  
The carrier I hear is smooth, clean and rock stable.  
I'm working with no papers and I assume the final is good.  
But I'm not getting RF to the ANT. Port.  
RX is working and Xtal clean and clear.  
Any info will be greatly appreciated.  
Thanks  
Bob  
WA2HOQrp <tm>

-----  
Date: Fri, 8 Dec 2000 00:00:11 EST  
From: SKIPNC90@aol.com  
To: n2apb@erols.com, qrp-1@lehigh.edu  
Subject: [85729] Re: TT2 and SOP Kits are retired  
Message-ID: <d9.d5c9a10.2761c4db@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Thanks to you and the NJQRP Club George for providing these kits  
to the ham radio community. These kits have provided hours of enjoyment  
for hundreds of homebrewers.

73, Skip Davis NC90

-----  
Date: Fri, 07 Jul 2000 21:59:59 +0100  
From: Andrew Madsen <andrew@utahdesign.com>  
To: Tom Isgro <k8cz@concentric.net>  
Cc: Shephed@aol.com, fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [85730] Re: [fpqrp] Truffle Hunt de N8IE  
Message-ID: <396644CF.A9C8352@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Vern is my FISTS code buddy. He's a very nice guy. I have had many log QSOs with him. I don't think he's in to qrp (yet :-)).

-Andrew AC7CF

Tom Isgro wrote:

> Well I couldn't hear Dan here for whatever reason, but I did hear some  
> of the hunters. The good news is, I moved up on the FISTS frequency and  
> CQ'd for 5 minutes. Vern, KU0S came back to me with a 589 in Duluth,  
> MN. Nice little 30 minute QSO at 5 watts. I may have made a believer  
> out of him.  
> --  
>  
> "Blessed are they who can laugh at themselves for they shall never cease  
> to be amused."  
>  
> 72, 73 oo's  
> Tom K8CZ Hamilton, OH  
> FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,  
> 10-10 68364, SCI 1479, ARS 203, ARRL  
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

-----  
Date: Thu, 7 Dec 2000 21:06:38 -0800 (PST)  
From: wa4dou@excite.com  
To: qrp-1@lehigh.edu  
Subject: [85731] Re: www.5watt.com needed States/Providences  
Message-ID: <1752903.976251998243.JavaMail.imal@roary.excite.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Tom,

With patience you can work them all. 73 Roy WA4DOU

>  
> Does anyone know if Delaware has any hams?? I can't seem to work any  
> :)  
>  
> Tom  
> wb2qdg  
>  
>  
>

---

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---

Date: Thu, 7 Dec 2000 21:10:18 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85732] Re: NC 40/Problem.....Long  
Message-ID: <00a601c060d5\$29829c60\$cd12f4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob,

Not knowing the NC-40, I can only guess what your problem might be. But, if you have a small inductor between collector and V+ and you short the case of the transistor to ground, I'd be willing to bet that you blew up the inductor. In any case, if you're not getting signal to the final stage, trace it back and find where the signal stops. This should reveal the bad component(s). Good luck and take care!

73  
Trev  
KG6CYN

----- Original Message -----

From: <RangerSF5@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, December 07, 2000 8:48 PM  
Subject: Re: NC 40/Problem.....Long

> Hi Gang,  
> Some time ago I made a post about this rig.  
> 1 I peaked the TX & RX.  
> 2. All was well for several weeks then I lost TX.  
> 3 Several weeks later I decided to dig it out and look it over.  
> I had TX but only on the center of the band.  
> If I tuned 10 KC either way TX just dropped off,  
> Tonight I looked the rig over again because when I last worked on it I  
> shorted the metal case on the final and saw smoke.  
> No burnt traces or components on the board.  
> I noticed the final seemed loose so I thought maybe 1 or 2 of the legs  
were  
> broken off under it so I removed it.  
> It looked good.  
> I have a reading from the case to all the legs.(the metal case is "HOT")  
But  
> the 1 leg is NOT isolated from the final but is soldered to the PC board  
> ground.  
> Is this normal?(I'm missing something here)  
> The 2 insulated legs give a reading one way and no reading the other way.  
> This sounds OK to me so I put it back.  
> No TX but the driver is strong and I can hear it in the 40-A with sitting  
> just 3 feet away.  
> But the driver stage is NOT getting to the final.  
> The carrier I hear is smooth, clean and rock stable.  
> I'm working with no papers and I assume the final is good.  
> But I'm not getting RF to the ANT. Port.  
> RX is working and Xtal clean and clear.  
> Any info will be greatly appreciated.  
> Thanks  
> Bob  
> WA2HOQrp <tm>  
>

-----  
Date: Fri, 8 Dec 2000 00:30:14 -0500  
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>  
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Jim Huhta" <aa4md@amsat.org>, "Jim Gerhart" <kd4rml@gte.net>, "Warren Elly" <w1gud@tampabay.rr.com>,  
"Garry Allen" <k4cyc@hamclub.org>, "Sean Dougherty" <kg4evw@arrl.net>, "Lee Seeley" <w4ckt@arrl.net>, "Brian Wenholz" <af4sr@hamclub.org>,  
Subject: [85733] CLUB: WestFLA Meeting Reminder - Meeting on 16 December, \*NOT\* 9 December  
Message-ID: <NDBBJALMDCJHFFPJMMFKKEOCEDAA.scohen@tampabay.rr.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

For those of you interested, this is a reminder that we have moved the WestFLA meetings to the third Saturday of each month rather than the second Saturday. The Third Saturday avoided a few personal conflicts for myself and others as well as offering better protection from a few major hamfests (Orlando in particular). The W4DUG folks did not object, so the third Saturday it is from now on.

A full meeting announcement will appear next week. This note serves only to remind you that there is NO WESTFLA MEETING THIS SATURDAY!!!

73,

Steve, NF4X

-----  
Date: Thu, 7 Dec 2000 23:36:57 -0600  
From: "pschweitzer" <pschweitzer@netzero.net>  
To: <drashley@hotmail.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85734] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
Message-ID: <002001c060d8\$e2d22840\$23c30404@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have assembled the serra and looked at the k1

the sierra observations

- 1 you will be winding allot of toroids
- 2 the band choices are limited to the number of plug in modules you want to assemble ( 8 toroids each)
- 3 the digital read out is wired to the main board using point to point connections and is an option.
- 4 I needed to adjust the main vfo to achieve parity in the frequency displays I e display shows 150 kc of tuning vs 180 kc of tuning actual,,, I did adjust so it was equal.



It does perform very well

k1

I looked at the k1

1, 2 bands changed by a push button

2 the entire rig is pc boards that plug into each other,

3 very few toroid

looked good clean and simple

you may want to cheat and just buy an sgc 2020

ka0pgq

rob

----- Original Message -----

From: Bradford Ashley <drashley@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, December 07, 2000 10:23 PM

Subject: Elecraft K1 vs Sierra Help in Deciding Please.

> To The Group:

>

> I am looking to build a new kit over winter holiday season. I have

> narrowed my choices to the Elecraft K1 or a wilderness Sierra. What I would

> like to know from the group is how do the two kits compare. Specifically in

> terms of ease of operation, receiver performance, ease of construction... It

> seems funny that for two bands they cost out at \$269 each??? I would operate

> mainly on 20m/40m so the K1 wouldn't be a big problem. I am currently

> building a NorCal SMK and can solder pretty good. Any assistance would be > greatly appreciated.

>

> Thanks Brad WB7TSO

>

>

---

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>

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-----

-----  
Date: Fri, 8 Dec 2000 00:44:07 EST  
From: W1R0@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85735] Need Nevada?  
Message-ID: <20.efab410.2761cf27@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Check out the 10 meter contest this weekend. I'll try to get on as much as possible. Yes, I need some states also.

72/3

Jim

W1R0/7

Lost in Vegas

[www.juiceplus.com/+jb00907](http://www.juiceplus.com/+jb00907)

-----  
Date: Thu, 07 Dec 2000 23:44:58 -0600  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-l@lehigh.edu  
Subject: [85736] HT-18 for QRP?  
Message-ID: <PHGGKHNCPHBEAAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

All,

Greetings from chilly Minnesota!

Has anyone on this list ever experimented with a Hallicrafters HT-18 (late 40's vintage) VFO for use in a QRP setup? I saw one on e-bay and thought it might be a possibility to go with my straight key and Drake 2B.

Also, what's a fair price for a built and calibrated OHR-400 with manual?

Thanks for the input,  
Joel NF9K

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

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Date: Thu, 07 Dec 2000 22:00:54 -0800  
From: Don Minkoff <cowchip@mediaone.net>  
To: qrp-1@Lehigh.EDU  
Subject: [85737] FOX was listening...really!  
Message-ID: <3A307916.D6690056@mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What can I say? I was more comfortable with the idea of having a pile up call me. I was relaxed. Keyer, paddles and memory programmed. Started out FB and thought this should go great. What happened to the band? A few times I all but lost my hearing. Just noise. A lot of QRM and QSB tonight. I still haven't figured out when I call for a K9 and get 5's and 7's calling me. ( calls left out to prevent any flames).

Anyhow, I had fun but was quite frustrated at the end when the band died rather than pick off East Coasters.

It looks like a total of 86 Q's.  
Thanks for chasing this Fox back into my hole!

--

Don Minkoff - NK6A

-----

Date: Fri, 8 Dec 2000 01:01:25 EST  
From: KB9OCE@aol.com  
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)  
Cc: blz103\_psu@yahoo.com  
Subject: [85738] Slightly OT - Kid needs help on paper  
Message-ID: <86.3f508b5.2761d335@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Fellow QRPers...Here's a young man working on a paper regarding the atmosphere...I think. It is beyond my scope of knowledge. I was thinking that maybe Paul or one of the others could help this kid...who knows, you may even get him interested enough to learn more about QRP. Email him directly as he is not on our list.

73

Mike

----- Original Message -----

From: "Brian Zimmerman" <blz103\_psu@YAHOO.COM>

To: <CHEMROC@LISTSERV.UGA.EDU>

Sent: Wednesday, December 06, 2000 5:39 PM

Subject: A little help; working on a paper

> Sorry, I realize that this is a rocket group and you're the only group I  
> have for questions. And since this is atmospheric, rocket type concern  
> (whatever you want to call it) I need some help. Got a paper here and I  
am  
> trying to explain what I think is called the "equatorial bulge." What a  
> name. Anyway, it's the idea that for example: If you stand on top of a  
> mountain and shoot a laser straight out, it can never burn your back  
because  
> the 'world is round' and it shoots off into space.  
> It's a term associated with satellites in the sense that you need several  
to  
> send information around the world. You can't go through the Earth but you  
> gotta go around it and bounce signals to and fro.  
>  
> Thanks if anyone can appease my mind. Been trying to find the term  
> everywhere and asking so many people. Thanks and a thanks to everyone  
> before for helping with my question on rockets. I got one in the works.  
> Thanks

-----  
Date: Fri, 8 Dec 2000 01:12:50 -0500

From: "Tom's mail" <n1tp@worldnet.att.net>

To: <cowchip@mediaone.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>

Subject: [85739] Re: FOX was listening...really!

Message-ID: <005901c060dd\$e54ad720\$c3984d0c@tom>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

No doubt: The worst band conditions so far this 40 meter Hunting Season

Tom, N1TP

----- Original Message -----

From: "Don Minkoff" <cowchip@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, December 08, 2000 1:00 AM  
Subject: FOX was listening...really!

> What can I say? I was more comfortable with the idea of having a pile  
> up call me. I was relaxed. Keyer, paddles and memory programmed.  
> Started out FB and thought this should go great. What happened to the  
> band? A few times I all but lost my hearing. Just noise. A lot of QRM  
> and QSB tonight. I still haven't figured out when I call for a K9 and  
> get 5's and 7's calling me. ( calls left out to prevent any flames).  
>  
> Anyhow, I had fun but was quite frustrated at the end when the band died  
> rather than pick off East Coasters.  
>  
> It looks like a total of 86 Q's.  
> Thanks for chasing this Fox back into my hole!  
> --  
> Don Minkoff - NK6A

-----  
Date: Fri, 08 Dec 2000 00:29:28 -0600  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu  
Subject: [85740] HT-18 / OHR-400 Questions  
Message-ID: <LOJCIAHANODEAAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Language: en  
Content-Transfer-Encoding: 7bit

All,

I tried to send this message earlier and my PC crashed just when I hit "send" so I'll try again if it didn't get through. Two questions...

(1) Has anyone on this list played around with or heard of anyone using a Hallicrafters HT-18 (late 40's vintage) in a QRP setup? This is an old Hallicrafters VFO.

(2) What is a fair price for a built & calibrated (fully functional & troubleshot) OHR-400?

Thanks,  
Joel

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

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Date: Fri, 8 Dec 2000 01:43:31 -0500 (EST)  
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>  
To: Bradford Ashley <drashley@hotmail.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85741] Re: Elecraft K1 vs Sierra Help in Deciding Please.  
Message-ID: <Pine.LNX.4.21.0012080122540.7405-1000000@hendryx.tcnet.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Dec 2000, Bradford Ashley wrote:

> To The Group:

>

> I am looking to build a new kit over winter holiday season. I have  
> narrowed my choices to the Elecraft K1 or a wilderness Sierra. What I would  
> like to know from the group is how do the two kits compare. Specifically in  
> terms of ease of operation, receiver preformance, ease of construction... It  
> seems funny that for two bands they cost out at \$269 each??? I would operate  
> mainly on 20m/40m so the K1 wouldn't be a big problem. I am currently  
> building a NorCal SMK and can solder pretty good. Any assistance would be  
> greatly apprieciated.

I have built the K1 and know another ham who built the Wilderness  
Sierra. When she saw my K1 for the same price as her Sierra, she was  
wishing she had built the K1, basically because the K1 includes a memory  
keyer and a digital frequency display, which is an additional option for  
the Sierra. However, your milage may vary...

Your specific questions:

Ease of Operation... Well, the K1 is easy to use. If you only have 2 bands, it is easier to change between them on the K1. When the automatic antenna tuner comes out for the K1, that will be another advantage. However, from what I understand, if you get more band modules, I understand that it is easier to swap the boards in the Sierra than in the K1.

Receiver Performance... Probably a draw. They both are superhets with the same IF and the same mixer (602). I kinda like the programable filters on the K1, but the Sierra has done well too.

Ease of construction... The Sierra has been around for a while. There are lots of people out there who can help you through building it. It's manual is quite good. The whole design is documented in the ARRL Handbook. The Elecraft K1 is new. The manual is quite good and there are lots of people who will help you, including tech support by Internet.

I like the way power is adjustable from from milliwatts to at least 5 watts externally in the K1. To my knowledge there is no such feature in the Sierra. On the other hand, right now you are a bit limited in band choices for the K1, while there are band modules available for the Sierra from 160-10 meters.

I like my K1. It works and wasn't that impossible to build. Many people are quite happy with their Sierras. Since I see no reason I would want both, my interest in the Sierra has decreased since I built my K1. I suppose it comes down to what features you want...

Ken McGuire  
KC8LTL in EN74cp  
at902@tcnet.org

-----  
Date: Thu, 7 Dec 2000 22:00:27 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: QFOX@egroups.com, qrp-1@LeHigh.EDU  
Subject: [85742] FOX: corrected log for 12/5  
Message-ID: <v03007822b6561de59417@[216.26.9.33]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Here is the log w/corrections-let me know if I missed anything.

Time	Call	RST	S/P	Name	PWR
------	------	-----	-----	------	-----

0200	K0QD	559	CO	Hugh	5W
0202	NQ7X	559	AZ	Floyd	5W
0203	KB7WW	559	OR	Art	5W
0204	N0UR	559	MN	Jim	5W
0205	WE6W	559	CA	Ed	5W
0206	K0MP	559	CO	Bill	5W
0208	N5ET	559	TX	Bob	5W
0209	N1LN	559	TX	Bruce	5W
0210	W6ABC	599	CA	Jack	1W
0211	N2WW	559	CO	Larry	5W
0212	WE7G	559	UT	Wayne	5W
0213	K5AAR	559	OK	Don	5W
0214	K5DW	559	TX	Don	5W
0215	K7FD	559	OR	John	5W
0215	N1FN	559	CO	'ET'	5W
0216	KK7GG	559	OR	Mike	5W (Solderman!)
0217	K5DI	449	NM	Karl	5W
0218	NK7M	559	AZ	Bob	5W
0219	N6WG	559	CA	Bob	5W
0220	AC7CF	559	UT	Andy	5W
0221	NK6A	559	CA	Don	5W
0221	VA6RF	559	AB	Earl	5W
0222	W0CH	559	MO	Dave	5W
0222	K6VNX	559	CA	Arle	5W
0223	VE6JAZ	579	AB	Rob	5W
0224	N9AW	559	WI	Jerry	5W
0224	K0EVZ	559	ND	Doc	5W
0225	N5TW	559	TX	Tom	5W
0225	K0PC	559	MN	Pat	5W
0226	KB7LJP	559	OR	James	5W
0226	K0FRP	579	CO	Earl	5W
0227	K7UR	559	AZ	Brian	5W
0227	N4ROA	559	VA	Dan	5W
0228	W4NJK	559	CA	Charlie	5W
0229	AE7EQ	559	AZ	Bob	5W
0230	K7Q0	559	AZ	Chuck	2W
0231	W0PWE	559	IA	Jerry	5W
0232	W5USJ	539	TX	Chuck	4W
0233	N5GLQ	559	LA	Mike	5W
0234	KI0II	549	CO	Ron	5W
0235	WA7TQK	559	ID	Bill	5W
0236	K4BXP	579	KY	Ken	5W
0236	W0AV	559	MO	George	5W
0237	KC7TFP	559	ID	Dick	5W
0238	WU9F	559	WI	Terry	5W
0239	N2WW	*DUPE*			
0241	K5ZTY	559	TX	Bill	5W



0243	K5VUU	559	TX	Ed	5W
0244	W2XN	229	FL	Fred	5W
0245	N0TU	599	CO	Steve	5W
0247	AC5JH	339	OK	Tom	5W
0248	W9XT	559	WI	Gary	5W
0250	WA9TZE	559	WI	Jim	5W
0252	WA7SPY	559	CA	Glen	5W
0254	W9XU	559	WI	Lon	5W
0255	N1TP	559	FL	Tom	5W
0255	N5EN	559	TX	Steve	5W
0256	KK5LD	559	TX	Dan	5W
0257	KE6RS	559	CA	Ron	5W
0258	WE9K	599	WI	Glenn	5W
0300	W7AQK	569	AZ	Dave	5W
0302	K3QIA	599	PA	Bob	5W
0304	AA0ZZ	559	MI	Craig	5W
0306	W5YR	559	TX	George	5W
0307	W5SB	559	TX	Bill	5W
0309	K9IUA	559	ND	Kevin	5W
0310	W9UQB	559	AZ	Mike	5W
0312	W5TB	559	TX	Doc	5W
0314	W0JOE	559	MO	Joe	5W
0317	W0RSP	559	SD	Ade	4W
0319	WY1W	559	CT	Bud	5W
0321	K8CV	559	MI	Walt	5W
0322	KQ5U	559	TX	Terry	5W
0323	K10J	559	TX	OJ	5W
0324	KI0KY	559	CO	Brian	5W
0326	K5JHP	339	TX	Bill	5W
0328	WA9PWP	559	WI	Paul	5W
0330	AB6JY	579	CA	Dan	5W
0332	AB0MO	229	MO	Don	5W
0333	NK9G	559	WI	Rick	5W
0334	W8RU	559	MI	Ron	5W
0335	KJ0C	559	MO	Jim	5W
0336	N5ET	*dupe*			
0337	AF4LQ	559	KY	Mike	5W(?)
0338	W0UFO	559	MN	Me1	5W
0340	AF4PS	539	FL	Mac	4W
0343	N0EHW	559	MO	Tim	5W
0345	KQ5U	*Dupe*			
0347	N0AR	559	MN	Scott	4W
0349	VE5RC	229	SK	Bruce	5W
0351	KA7DDB	559	MN	Mike	5W
0353	K5GQ/M	449	TX	Mark	5W (mobile-way to go!)
0356	KR5C	559	TX	George	3W
0359	N5UW	559	OK	Cliff	5W
0000	N7CQR	Fox	OR	Dan	5W

Dan Presley  
talljazz@teleport.com  
(503) 232-8244  
pager (503) 229-8682

-----  
Date: Fri, 8 Dec 2000 03:45:10 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85743] Re: Need Nevada?  
Message-ID: <db.d574ae7.2761f996@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

<< Check out the 10 meter contest this weekend. I'll try to get on as much as possible. Yes, I need some states also.  
72/3 >>  
I may get flamed for this but guess what.  
I don't care.  
I worked all states three times and I did not call or post mail asking to listen for me  
I took me three years to get my first WAS and a bit over a year for the second round QRP.  
The third time I worked 40-M,QRP 50 States,11 Countries 287 contacts in three nights with a whole lot of satisfaction.  
Bob  
WA2HOQrp <tm>

-----  
Date: Fri, 08 Dec 2000 20:06:50 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85744] Iridium  
Message-ID: <3A30A4AA.D57F7B84@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Folks,

Those members with "long memories" will remember my post way back when about "Iridium".

My friend Paul NA5N, subsequently provided much more detailed information.

~~~~~

REPORT

PENTAGON SAVES IRIDIUM

The US Defence Department today announced a \$72 million deal over two years to use the Iridium satellite phone network to provide secure communications for the Navy and others. The Pentagon has an option to extend the contract to 2007 for \$252 million. The deal was signed with Iridium Satellite, a new company now buying the assets of Iridium from the bankruptcy courts. Iridium's network of 66 satellites was the world's first space phone system, and cost over \$5 billion, but collapsed because of lack of customers. See:

[http://www.defenselink.mil/news/Dec2000/b12062000\\_bt729-00.html](http://www.defenselink.mil/news/Dec2000/b12062000_bt729-00.html)

~~~~~

This has been a saga which has "boggled" my mind. The participants aren't "amateurs", the money involved isn't "chicken feed"

72/73's

Ian Purdie

"I believe Australia is the best address on earth"

Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

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VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

URL - <http://www.electronics-tutorials.com/>

-----  
Date: Fri, 8 Dec 2000 04:43:55 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: RangerSF5@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [85745] Re: Need Nevada?

Message-ID: <Pine.3.89.10012080400.A2639-01000000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Dec 2000 RangerSF5@aol.com wrote:

> I worked all states three times and I did not call or post mail asking to  
> listen for me  
> I took me three years to get my first WAS and a bit over a year for the  
> second round QRP.  
> The third time I worked 40-M,QRP 50 States,11 Countries 287 contacts in three  
> nights with a whole lot of satisfaction.  
I'm with you, Bob! Contacts shouldn't be solicited or scheduled for WAS  
or DXCC. But apparently, the majority think it's OK. I've already been  
flamed before for stating this opinion, so don't bother.

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00o-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412      FISTS #7871      ARS #799      SOC #1      Whiners #6

-----  
Date: Fri, 8 Dec 2000 05:19:37 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85746] Re: Need Nevada?  
Message-ID: <64.91db878.27620fb9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 12/8/00 4:44:04 AM Eastern Standard Time,  
n4bp@bc.seflin.org writes:

<< I'm with you, Bob! Contacts shouldn't be solicited or scheduled for WAS  
or DXCC. But apparently, the majority think it's OK. I've already been  
flamed before for stating this opinion, so don't bother. >>

Sure takes all the fun out of it.  
Sort of a do it your self contest.  
I guess it's just a matter of time before WAS wanna be hams are going to  
start asking everyone for a "E" mail with a QSL card attached so they can  
print it out

AAHhhhhhh  
Whats another flame war?  
The delete key is my fire power.  
GL DXing  
Bob  
WA2HOQrp <tm>

-----  
Date: Fri, 8 Dec 2000 05:11:22 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85747] Re: Iridium  
Message-ID: <Pine.LNX.4.10.10012080506200.787-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Iridium was a wonderful program based on faulty input. They had far too much money and blew it all before they admitted the obvious: The natives in Africa don't even want big expensive cell phones and can't pay for them if they did.

The Military doesn't need them either but can use them for another "foxhole internet" provider...:-)

On Fri, 8 Dec 2000, Ian C. Purdie VK2TIP wrote:

> Folks,  
>  
> Those members with "long memories" will remember my post way back when  
> about "Iridium".  
>  
> My friend Paul NA5N, subsequently provided much more detailed  
> information.  
>  
> ~~~~~  
> REPORT  
>  
> PENTAGON SAVES IRIDIUM  
>  
> The US Defence Department today announced a \$72 million deal over two  
> years to use the Iridium satellite phone network to provide secure  
> communications for the Navy and others. The Pentagon has an option to  
> extend the contract to 2007 for \$252 million. The deal was signed with  
> Iridium Satellite, a new company now buying the assets of Iridium from  
> the bankruptcy courts. Iridium's network of 66 satellites was the

> world's first space phone system, and cost over \$5 billion, but  
> collapsed because of lack of customers. See:  
> [http://www.defenselink.mil/news/Dec2000/b12062000\\_bt729-00.html](http://www.defenselink.mil/news/Dec2000/b12062000_bt729-00.html)  
> ~~~~~  
> This has been a saga which has "boggled" my mind. The participants  
> aren't "amateurs", the money involved isn't "chicken feed"  
>  
>  
> 72/73's  
>  
> Ian Purdie  
> "I believe Australia is the best address on earth"  
> Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'  
> My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>  
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91  
> URL - <http://www.electronics-tutorials.com/>  
>  
>  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 8 Dec 2000 05:25:17 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Don Minkoff <cowchip@mediaone.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85748] Re: FOX was listening...really!  
Message-ID: <Pine.LNX.4.10.10012080517510.787-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Dec 2000, Don Minkoff wrote:

> What can I say? I was more comfortable with the idea of having a pile  
> up call me. I was relaxed. Keyer, paddles and memory programmed.  
> Started out FB and thought this should go great. What happened to the  
> band? A few times I all but lost my hearing. Just noise. A lot of QRM  
> and QSB tonight. I still haven't figured out when I call for a K9 and  
> get 5's and 7's calling me. ( calls left out to prevent any flames).

This 5 was hearing you rst 229 and yes did call you I expect  
several times in error. But after 45 minutes of sending my call 2 KHz high

and with breakin keying I didn't hear you come back to anyone, It was clear you didn't hear me at all. I even tail ended several 0 and 9 hounds but not a peep.

I expect the 5 and 7 stations, how ever many they may be, were having the same problem receiving I had. And you transmitt when the fox stands by.

>  
> Anyhow, I had fun but was quite frustrated at the end when the band died  
> rather then pick off East Coasters.

>  
The band was dead to the 5 and 7 stations the whole 2 hours.

> It looks like a total of 86 Q's.  
> Thanks for chasing this Fox back into my hole!  
> --  
> Don Minkoff - NK6A  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 8 Dec 2000 07:47:13 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [85749] Re: Need Nevada?  
Message-ID: <20001208.074716.-267315.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

pardon my 2 cents heah

however u gentlemen are certainly entitled to u opinion EVEN IF YOU ARE WRONG!

which remindes me ... I heard the fox ok last nite ... at times... however he never heard me and I did not persist banging my head into bad propa gation... too many utter things to do...

I might be able to get a horizontal wire up bout 50 fts... 100ft by 70ft by 125ft... and tv twin lead fed in.... (bettern fed up) would make a

nice project ...however it is -6 degrees F right now... too cold for a  
peaux cajun lad...  
kella joel  
in maine

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 08 Dec 2000 07:50:46 -0500  
From: Rick Sealey <rsealey@infoave.net>  
To: qrp-l@lehigh.edu  
Subject: [85750] RE: pacemaker - RF  
Message-ID: <4.1.20001208074005.0096e790@mail.infoave.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Doug,

I think Rich gives sound advice here, and you should research this  
carefully from several sources, both for you and your friend. In addition  
to the obvious ones, I suggest your friend contact the manufacturer of his  
pacemaker to see what they recommend. This would probably be the most  
accurate source from a design point-of-view. They do have published  
specifications for their units.

I have friends with pacemakers that are "radio active".

Good luck!

Rick - W4SEA  
High Point, NC

-----  
At 17:18 12/07/2000 -0500, you wrote:

>

>On 07-Dec-00 Elda & Doug Wilson wrote:

>> I have a ham friend that recently received a pacemaker. He told me  
>> his doctor informed him that he could not operate his radio  
>> equipment.

>>

>> I also have a heart condition that is worsening and my cardiologist  
>> told me that a pacemaker would probably be the next step. I am not  
>> ready to give up ham radio and wonder if others on this list have  
>> had a similar experience and can give me some information?



>  
>  
> While the people on QRP-L are certainly helpful in a lot of respects, I'm  
>not sure that this is the right forum for requesting medical advice... every  
>patient is different. Just because someone else with a pacemaker operates a  
>radio without a problem doesn't mean that you won't have a problem.  
>  
> There are some cases where you are far better off getting information in  
>person, by the trained professional who knows the details of your case - and  
>medical advice is one of them.  
>  
>- Rich

-----  
Date: Fri, 8 Dec 2000 05:51:47 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [85751] FOX Band conditions  
Message-ID: <Pine.LNX.4.10.10012080540510.855-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just looked and NOAA says flux 144 A 12 and K 2. A real normal day with rather low flux for a sunspot max. But for a fact the short skip was highly attenuated. For example I normally hear all those Texan's baying after the Fox. I heard none last night.

So NK6A was given real odd band conditions. Nothing the sun did it would seem, but just no short skip on 40 meters. But the long skip was pretty good for the first hour. The Canadian Radar had a good signal right on 7040 KHz. But it faded out quite a bit here on the second hour.

By the way, the buzz from the radar made copy on the Fox even harder. I got an e-mail from the radar folks and it was terse but said their "spectrum people" were looking into interference to 7040 KHz. If the spectrum guys can't hear it in Canada I'll invite them to visit Las Cruces, NM...:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----

Date: Fri, 08 Dec 2000 07:03:06 -0600  
From: Steve Muncy <listsubs@sintezo.com>  
To: QRP List QRP-L <qrp-l@lehigh.edu>  
Subject: [85752] I need more than Nevada....  
Message-ID: <B656382A.3830%listsubs@sintezo.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Ah, yes....I remember well the first time I heard complaints about taking shortcuts to getting WAS and DXCC, but at that time the argument ran thus:

"Any fool can get WAS and DXCC by using a KW and a VFO, but it takes a REAL ham to get those awards using a single crystal controlled transmitter on a single band using less than 100 watts."

I tried that for awhile as a novice but didn't make much progress...never got beyond thirty-five states as I recall. I'm trying it a little differently now by trying to work all 50 states 2xQRP -- but I'm cheating a little by using a VFO. I haven't scheduled any contacts yet, but if I get desperate I might. I figure a scheduled contact at 500 mW is at least as good as a non-scheduled contact using 1KW.

Maybe that loop will help...

-----  
Steve Muncy, NI5V <mailto:smuncy@sintezo.com>  
Dallas, TX <<http://www.sintezo.com/smuncy/hamradio/>>  
QRP-ARCI #10330 QRP-L #2191 FISTS # 7412

-----  
Date: Fri, 8 Dec 2000 08:27:58 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>, "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [85753] [re]Kenwood TS-830S  
Message-ID: <200012080828\_MC2-BDE0-C0F8@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Several have requested more information re my Kenwood TS-830S rig. This rig \*does\* include all CW filters, and is from their gold line. It is in exceptional condition. As a reminder, I am including new in the box spare output tubes (two pair of RCA 6146A) and a spare driver tube. =

if interested, please write me off-list to save bandwidth. Thanks, and happy holidays, everyone :-).

72,  
--Doc/K0EVZ

-----  
Date: Fri, 8 Dec 2000 08:35:48 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: hamjoel@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85754] Re: Need Nevada?  
Message-ID: <Pine.3.89.10012080832.B8557-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Dec 2000 hamjoel@juno.com wrote:

>  
> however u gentlemen are certainly entitled to u opinion EVEN IF YOU ARE  
> WRONG!

>  
Certainly no argument there, Joel! You are also entitled to your opinion even if you are wrong... There's been a very lively thread going on the CQ-Contest reflector involving shooting animals in a zoo (packet radio spots). I can see a strong resemblance to this analogy when considering soliciting QSO's for WAS/DXCC awards... Sorta takes the challenge out of the challenge.

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00o-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412

FISTS #7871

ARS #799

SOC #1

Whiners #6

-----  
Date: Fri, 08 Dec 2000 06:54:45 -0700  
From: Bruce Grubbs <n7ceeqrp@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85755] Re: Palm OS contest logger?  
Message-ID: <5.0.0.25.0.20001208065004.00aa5c08@earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The only logging programs I've found are for specific contests, or general QSO logging. I too wonder how easy it would be to enter contest contacts on a palm, having never used one. The HP1001x keyboard, though small, works well.

72  
Bruce N7CEE

-----  
Date: Fri, 8 Dec 2000 09:56:52 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: Bob Patten <n4bp@bc.seflin.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85756] Re: Need Nevada?  
Message-ID: <Pine.BSI.4.05L.10012080953230.14157-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Dec 2000, Bob Patten wrote:

> CQ-Contest reflector involving shooting animals in a zoo (packet radio  
> spots). I can see a strong resemblance to this analogy when considering  
> soliciting QSO's for WAS/DXCC awards... Sorta takes the challenge out of  
> the challenge.

But, if we take the time to arrange, and accept, and participate in things like Fox Hunts, it's easy to stretch a little bit more and arrange a sked for a qso to get that elusive county, state or country.

Having said that, I do agree with the idea that scheduling the qso does take the challenge out of the process. Perhaps it's the difference between doing it for the challenge, and doing it for the wallpaper.

73,  
thom

../  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

http://www.baltimoremd.com/ Baltimore's Home Page  
http://www.baltimorehon.com/ Home of the Baltimore Lexicon  
http://www.zerobeat.net Home of The QRP Web Ring  
and Drake Mail List Pages

-----  
Date: Fri, 08 Dec 2000 09:42:18 -0500  
From: Ed Kessler <edkess@epix.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85757] 42 Years Ago Today . . .  
Message-ID: <5.0.2.1.0.20001208093706.009f1600@mailhost.epix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Friday, Dec. 8, 1958  
Willy Higinbotham creates the first video game. Built from an old  
oscilloscope, it's like a tennis game watched from the side. It predates  
Pong, the next video game, by 12 years.

The minds of America's youth have never been the same . . . .

Ed AA3SJ

-----  
Date: Fri, 8 Dec 2000 09:42:57 -0500  
From: "Lau, Zack, W1VT" <z1au@arrl.org>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [85758] Re: Now Showing: The ARS Sojourner  
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9BC5@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Receiver factor--what about positive receiver factors?  
My 6M rig has a 15 dBm 3rd order intercept point and  
a 8 dB noise figure. I guess it works out to a -7 unit bar  
on the graph?

--Zack W1VT  
-----

Date: Fri, 8 Dec 2000 08:57:13 -0600  
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>  
To: <edkess@epix.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [85759] RE: 42 Years Ago Today . . .102 years ago...  
Message-ID: <000001c06127\$26891230\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

102 years ago this year. Nintendo was alive and well in 1898. What did they produce?

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU  
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Ed Kessler  
> Sent: Friday, December 08, 2000 8:42 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: 42 Years Ago Today . . .  
>  
>  
> Friday, Dec. 8, 1958  
> Willy Higinbotham creates the first video game. Built from an old  
> oscilloscope, it's like a tennis game watched from the side.  
> It predates  
> Pong, the next video game, by 12 years.  
>  
> The minds of America's youth have never been the same . . . .  
>  
> Ed AA3SJ  
>  
>

-----  
Date: Fri, 08 Dec 2000 08:26:27 -0700  
From: Ray Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [85760] Re: HT-18 / OHR-400 Questions  
Message-ID: <3A30FDA3.224EC8EF@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Have not used the OHR400 400 so can't answer that.

The HT18 is an excellent little qrp rig. I had two and unfortunately made the decision to give them to the local radio club for auction when I decided to get rid of all the boat-anchor/glow bug stuff a couple of years ago. The rig has an output ranging from about 3.5 watts on 80 to about 2 watts on 10 meters, is quite stable given the age (1947 to 1950 era- white face or dark face). 6BA6 oscillator, buffer with a 6L6 final. So you will have a really nice little transmitter for qrp operation. Mine had no chirp, and as I said was quite stable except for initial turn on - once warmed up, no noticeable drift. gl and enjoy  
73  
Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111  
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----NetZero Free Internet Access and Email-----  
<http://www.netzero.net/download/index.html>

-----  
Date: Fri, 8 Dec 2000 07:26:16 -0800  
From: kcruise@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [85761] New NorCal rig??  
Message-ID: <20001208.072715.-385087.7.kcruise@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've seen the comments on NorCal's new QRP radio in the planning stages.  
Any word on a release?

Ke1

..- . \_..... ... ..-.. ..-

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 8 Dec 2000 10:45:54 -0500  
From: "Victor Blackwell" <victor@brecnet.com>  
To: <zlau@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [85762] Re: Now Showing: The ARS Sojourner  
Message-ID: <001601c0612d\$f3eea5e0\$575730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is the best issue yet. Read the CW article if you only have time to read one article.

Vic AD8K

>Receiver factor--what about positive receiver factors?  
>My 6M rig has a 15 dBm 3rd order intercept point and  
>a 8 dB noise figure. I guess it works out to a -7 unit bar  
>on the graph?

-----  
Date: Fri, 08 Dec 2000 10:05:28 -0600  
From: Mike <mmorrow@companet.net>  
To: victor@brecnet.com  
Cc: qrp-l@lehigh.edu  
Subject: [85763] Re: Now Showing: The ARS Sojourner  
Message-ID: <3A3106C8.1C0E@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Victor Blackwell wrote of the 12/00 ARS Sojourner:

> This is the best issue yet. Read the CW article if you only have  
> time to read one article.

I too think the latest issue is a gem. I liked the two articles on receiver performance evaluation. One contains a question that I've had for a while: Why are several of the popular QRP rigs with non-Gilbert cell mixers (ie, high current diode-ring designs) so modest in



performance? The designs of these rigs seem to have achieved performance not significantly better than common 602/612 front end designs, along with a lot more current consumption. Not a good result, IMO, though I don't claim I could do any better, or even as well, were I a designer.

The Morse article was good, though I think it underemphasizes the continued value of being able to send decent Morse with a straight key. That's the ultimate test of one's intrinsic Morse character/word timing skills.

73,

Mike / KK5F

-----  
Date: Fri, 8 Dec 2000 10:06:56 -0600  
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>  
To: <wb5rue@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85764] Re: 42 Years Ago Today . . .102 years ago...  
Message-ID: <002601c06130\$e464a720\$6500a8c0@rob>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Kevin,

Playing cards, I believe. No personal recollection, of course.

Jim N9WW

----- Original Message -----  
From: Kevin Muenzler, WB5RUE <wb5rue@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, December 08, 2000 8:57 AM  
Subject: RE: 42 Years Ago Today . . .102 years ago...

> 102 years ago this year. Nintendo was alive and well in 1898. What did  
> they produce?

>

> > -----Original Message-----  
> > From: owner-qrp-l@Lehigh.EDU  
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> > Ed Kessler  
> > Sent: Friday, December 08, 2000 8:42 AM  
> > To: Low Power Amateur Radio Discussion

> > Subject: 42 Years Ago Today . . .  
> >  
> >  
> > Friday, Dec. 8, 1958  
> > Willy Higinbotham creates the first video game. Built from an old  
> > oscilloscope, it's like a tennis game watched from the side.  
> > It predates  
> > Pong, the next video game, by 12 years.  
> >  
> > The minds of America's youth have never been the same . . . .  
> >  
> > Ed AA3SJ  
> >  
> >  
>

-----  
Date: Fri, 08 Dec 2000 10:18:13 -0600  
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [85765] Re: HT-18 for QRP?  
Message-ID: <3A3109C4.CDB4D024@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've been told it works well. I've also been told that it is very rich in harmonics, so be sure to use a well-adjusted transmatch to reduce the possible spurious output.

I have an HT-18 and S-53A combo sitting by my operating desk, but haven't put them on the air yet. The S-53A is working, but will be much improved by replacing some or all of the old capacitors. The HT-18, according to the guy I bought it from, works. But one look at the cobwebs and modifications in it kept me from even plugging it in yet. It will need a thorough going-over before I dare hook it to an antenna. (The audio tubes are missing, which probably doesn't matter since it only does FM... Should work on CW without them. The 5Y3 has been replaced by a couple of diodes mounted on an octal plug. OK, but if the 5v. filament winding on the transformer is good, I'll want to go back to the original tube rectifier.)

The tiny analog dials on these critters demand additional frequency calibration, either by using a modern digital receiver or some other means. Especially on the higher bands, you couldn't be sure \*where\* you were without it. A simple crystal calibrator will do for 80 or

You'll probably find a lot of support on the Glowbugs list if you are planning to put an HT-18 on the air.

-----

On Fri, 8 Dec 2000, Gary Lee Phillips KA9NZI wrote:

Somewhere buried in a box of history I have a collection of 00 notices from a test of the HT-18 as a transmitter...and of course, I have some QSLs for the same time period.

[illegible]

-----

Date: Fri, 8 Dec 2000 11:37:45 -0500  
From: "Victor Blackwell" <victor@brecnet.com>  
To: "Mike" <mmorrow@companet.net>

Cc: <qrp-1@lehigh.edu>  
Subject: [85767] Re: Now Showing: The ARS Sojourner  
Message-ID: <001801c06135\$3261b900\$385730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I find straight keys too limiting. A fast operator seldom achieves speeds greater than 33 WPM.

Vic AD8K

>  
>The Morse article was good, though I think it underemphasizes the  
>continued value of being able to send decent Morse with a straight key.  
>That's the ultimate test of one's intrinsic Morse character/word timing  
>skills.

-----  
Date: Fri, 08 Dec 2000 10:38:42 -0600  
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [85768] Re: Need Nevada?  
Message-ID: <3A310E92.1B21FE1E@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I was going to keep quiet about this, but decided that the whole view here is a bit narrow.

First of all, awards like WAS and DXCC had their origins in a time when the challenge was to successfully manage the contacts at all! No one questioned using a sked back in the 30s. Most of the real recordbreaking contacts even today are made using skeds.

No one talks about WAC any more (though it still does exist) but that used to be considered a difficult award. Now the hardest part seems to be actually getting the QSL cards back. (And not just from Timbuktu. All those hams in New Jersey who have so far kept my SASE and never returned anything have their just desert coming one day.)

Someone who is seeking one of these awards using a rare mode, or a difficult power level (milliwatts, anyone?) is certainly facing a level of effort similar to what was required back when there were a lot fewer hams on the air and equipment was not as sophisticated (not to mention knowledge of propagation effects.) I see no harm in their use of additional means, such as skeds or nets, to help achieve the goal.

Looking at it another way, even with a kilowatt and a beam, the US Counties award is tough. How many have achieved it depending only on luck and random chance? I suspect you could count them on one hand. Most have had to use nets and scheduled mobiles to achieve this.

Award hunting is ultimately an individual competition against the elements, and we should let each seeker set his/her own goals. As far as I'm concerned, as long as the rules for the award were followed, the means are irrelevant. It's the same as the argument about "old" Extras and "slow" Extras... In the end, there isn't a difference.

(Or to put it another way, if S02R contest operating is OK, and QRO is OK, then I think using skeds or DXCluster spots is just as "OK".)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Thu, 07 Dec 2000 20:38:30 -0700  
From: "Ron, KU7Y" <[ku7y@qsl.net](mailto:ku7y@qsl.net)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [85769] Antennas  
Message-ID: <000301c06137\$f5e07f40\$60c6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi All,

I have just read some very good posts. Even pacemakers and the concerns about RFI have been addressed by some who know. This is just another great example of the value of this list. And of why it should never be held to only QRP Technical topics! :-)

The posts about the antennas make some very valid points. Most of us have to make antennas that fit the space we have available. This more often than not means that it will NOT be like the book says to make it.

Will it work?? You bet! How well will it work?? There is only ONE way to find out and that is to try it.

It's good to try to understand why a particular antenna works the way it does but that's not always possible. Keep good notes of what you did, how you did it and the results you saw. This will pay off in the long run.

And ALWAYS remember this:

ANY ANTENNA IS BETTER THAN NONE!

Others are even talking about using wire nuts for feedline to antenna connections. Wheeeeeee!!!! These little critters really do work. Fast, easy and cheap.

OK, back in my hole.....

cul, Ron KU7Y  
Full time RVing somewhere in the West!

-----  
Date: Fri, 8 Dec 2000 12:06:23 EST  
From: Macstein@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85770] Wire Nuts, Skunks, and Friends  
Message-ID: <35.db4b94c.27626f0f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I, for one, am glad to have Ron back checking in!

I think the cover of his book outta show: a skunk, sitting in a hole, under an RV, eating a wire nut, making ol' "sunder"-like noises.

72  
-MAC-  
AF4PS  
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,  
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,  
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51  
and various other annual \$15 commitments.

-----

Date: Fri, 8 Dec 2000 12:35:14 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [85771] MS-15 kits now shipping  
Message-ID: <200012081709.MAA09510@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

A little more than half the MS-15 kits that were ordered will go in the mail today, with the ballance following on Monday. Time to clear a spot on your work bench and get ready to melt some solder :-)

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Fri, 8 Dec 2000 12:35:15 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [85772] Next Melt Solder kit  
Message-ID: <200012081709.MAA09530@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

With the MS-15, 15 M rig pretty much a done deal, time to start thinking of what to do for the next kit.

I was thinking maybe it's time to finally do a Signal Generator. After messing with analog oscillators, mixers and PLL's, I've come to conclusion it's easier just to use a DDS chip, like the 9850. That gives the ability to produce a signal from near DC to over 50 Mhz in 1 Hz steps, with out a lot of fuss.

Proposed specs:

Audio to 52 Mhz output, 1 Hz steps min.  
8 digit LED display for easy viewing across bench  
+10 to -10 dBm adjustable output, not calibrated or metered  
(maybe just a light that comes on when the output hits 0 dBm)  
ALC ampifier for constant level output over freq range.  
Frequency sweep function  
Possibly an RS-232 port for external control

Preprogrammed ham band frequencies with outputs to select filters, so can be used as excitter for transmitter.

A board only kit would run about \$175.00 This might seem expensive, until you price commercial sig gens - even surplus ones!

Let me know if you'd be interested in a project like this, so I can judge if it's worth putting the time and money into it :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Fri, 8 Dec 2000 11:13:01 -0600  
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [85773] RE: 42 Years Ago Today . . .102 years ago...  
Message-ID: <000001c0613a\$1f357b50\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You got it.

> -----Original Message-----  
> From: Jim Gelbort [mailto:jamesgelbort@worldnet.att.net]  
> Sent: Friday, December 08, 2000 10:07 AM  
> To: wb5rue@arrl.net; Low Power Amateur Radio Discussion  
> Subject: Re: 42 Years Ago Today . . .102 years ago...  
>  
>  
> Kevin,  
>  
> Playing cards, I believe. No personal recollection, of course.  
>  
> Jim N9WW  
>  
> ----- Original Message -----  
> From: Kevin Muenzler, WB5RUE <wb5rue@arrl.net>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: Friday, December 08, 2000 8:57 AM  
> Subject: RE: 42 Years Ago Today . . .102 years ago...  
>  
>  
> > 102 years ago this year. Nintendo was alive and well in



> 1898. What did  
> > they produce?  
> >  
> > > -----Original Message-----  
> > > From: owner-qrp-1@Lehigh.EDU  
> > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> > > Ed Kessler  
> > > Sent: Friday, December 08, 2000 8:42 AM  
> > > To: Low Power Amateur Radio Discussion  
> > > Subject: 42 Years Ago Today . . .  
> > >  
> > >  
> > > Friday, Dec. 8, 1958  
> > > Willy Higinbotham creates the first video game. Built from an old  
> > > oscilloscope, it's like a tennis game watched from the side.  
> > > It predates  
> > > Pong, the next video game, by 12 years.  
> > >  
> > > The minds of America's youth have never been the same . . . .  
> > >  
> > > Ed AA3SJ  
> > >  
> > >  
> >  
>  
>

-----

Date: Fri, 8 Dec 2000 09:34:28 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-1@lehigh.edu  
Subject: [85774] Re: FOX was listening...really!  
Message-ID: <20001208093428.D3005@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Fri, Dec 08, 2000 at 05:25:17AM -0700, Karl F. Larsen wrote:

> The band was dead to the 5 and 7 stations the whole 2 hours.

Well, not to all the 7's. I was hearing Don fairly well (S6-S9) most of the time, but there were some fades and the QRM was pretty bad at times. I finally bagged him after an hour.

On the other hand, I didn't hear Tuesday's fox at all up here, but did hear many hounds working him.

Propagation on 40 has been a bit strange of late.

72/73, Bob

--

Bob Nielsen, N7XY  
Bainbridge Island, WA

nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----  
Date: Fri, 8 Dec 2000 09:14:43 -0500  
From: Anthony Felino <anthony@pacinfosb.com>  
To: qrp-1@Lehigh.EDU  
Subject: [85775] pacemaker dilemma  
Message-ID: <Chameleon.976286282.Anthony@amd400-anthony>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

> I also have a heart condition that is worsening and my cardiologist  
> told me that a pacemaker would probably be the next step. I am not  
> ready to give up ham radio and wonder if others on this list have  
> had a similar experience and can give me some information?

Even if all your consultants tell you that you must not be near even the most QRP of transmitters, you don't have to give up radio. It was standard practice in commercial HF systems to have the transmitter at a remote location. You could do the same thing. It's not that hard with all the digital stuff and auto-tuners that are available nowadays. You could use an old computer with a slower modem for the control link over phone lines on the TX side, run a DDS chip off its parallel port, etc. It's just another challenge. That way there is no local RF hazard and QSK operation becomes real easy! No possibility of TVI, either. Some hams have set up entire remote stations operated over phone lines in cases where they could not put up antennas at their houses. A commercial transceiver with an multiband vertical attached is almost an out-of-the-box solution for this. You can either use the audio from this transceiver back over the phone line, or ignore it and have a complete receiving station at home. If you have a large enough property, you could just put the remote transmitter on a far corner, and use wires for the control and power. Several options. Don't give up!

This still means that your bench work testing transmitters would be curtailed, but there is a lot of fun to be had with just receivers and other less radiative gizmos.

72, WN6Q

-----  
Anthony Felino, Pacific Information Design  
email: anthony@pacinfosb.com  
telephone: (805) 730 1565, x25  
-----

-----  
Date: Fri, 08 Dec 2000 12:05:22 -0500  
From: wlfisher@bellatlantic.net  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, ". Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>, "NEQRP@jona1.net" <NEQRP@jona1.net>,  
"njqrp@njqrp.org" <njqrp@njqrp.org>  
Subject: [85776] morse code cards  
Message-ID: <3A3114D1.E1AC3EAC@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

a few weeks ago "qrp digest" there was an article on morse code cards please repeat it because I need it to teach some to hams morse code and I deleted it so I would like to see again.  
This was where all the morse code was printed so it could be pasted on 3 x5 cards for easy use  
I reminder yhat all the numbers were on one card; e, i, s, h, t,m,o, were on another and that is I  
all can reminder so please try to help me out asap. tnx 72 bill K2GVC NJQRP 186 NEQRP 5??

-----  
Date: Fri, 08 Dec 2000 12:11:20 -0500  
From: wlfisher@bellatlantic.net  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, ". Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>, "NEQRP@jona1.net" <NEQRP@jona1.net>,  
"njqrp@njqrp.org" <njqrp@njqrp.org>  
Subject: [85777] morse code cards  
Message-ID: <3A311638.70AAB80A@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

a few weeks ago "qrp digest" there was an article on morse code cards please repeat it because I need it to teach some new hams the morse code and I deleted it so I would to

like to see again.

This was where all the morse code was printed so it could be pasted on 3 x5 cards for easy use

I remember that all the numbers were on one card; e, i, s, h, t,m,o, were on another and that is I

all can remember so please try to help me out asap. tnx 72 bill K2GVC NJQRP 186 NEQRP 5??

-----  
Date: Fri, 8 Dec 2000 12:46:04 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85778] Re: Need Nevada?  
Message-ID: <Pine.3.89.10012081231.E16364-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Dec 2000, Gary Lee Phillips KA9NZI wrote:

>  
> Award hunting is ultimately an individual competition against the  
> elements, and we should let each seeker set his/her own goals. As far  
> as I'm concerned, as long as the rules for the award were followed,  
> the means are irrelevant. It's the same as the argument about "old"  
> Extras and "slow" Extras... In the end, there isn't a difference.  
>

Very well put, Gary!

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412      FISTS #7871      ARS #799      SOC #1      Whiners #6

-----  
Date: Fri, 8 Dec 2000 12:48:38 -0500 (EST)  
From: n2go@arrl.net  
To: qrp-l@Lehigh.EDU  
Subject: [85779] FS ZIF sockets

Message-ID: <Pine.LNX.4.21.0012081244260.738-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here we go again :) A month is long enough to wait for a check... So I have some again for sale.

Ten zif sockets for \$13.20 shipped via priority mail.

(Note this is less than the cost of one socket from Digikey.)

These are 20 pin 0.1 " pin spacing and 0.3" row spacing. These accomodate the 18 pin 16F84(A) pic chips.

73,

Jim n2go

-----  
Date: Fri, 08 Dec 2000 11:46:42 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85780] Re: FOX Band conditions  
Message-ID: <3A311E82.9C3353B8@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl, I also failed to hear you in the Hunt last night. Usually you are weak but quite readable here in North Central Texas. Maybe next week . . .

The "Canadian Radar" signal that Karl mentions was clearly visible on the waterfall display of the DigiPan PSK31 program. The display showed two lines about 200 Hz apart near 7040. At the start of the Hunt, Don's signal was right in the middle, between the two spectral lines. Using a 250 Hz filter, I was able to get the interference down to a tolerable level.

Don was loud enough here the first part of the Hunt, but almost unreadable near the end. I worked him at 0215 with a loud signal from him but there was some confusion over my call. I worked him again at 0349, when he was fishing for calls, to get an insurance contact. At that time, he was almost inaudible on the wire antenna I had used earlier, but was readable though weak with the vertical.

Conditions like these seem to confirm the value of having both horizontal and vertical antennas on 40. Over the years, my coax switch has been nearly worn out switching between these two types of antennas! <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Karl F. Larsen" wrote:

>  
> Just looked and NOAA says flux 144 A 12 and K 2. A real normal day  
> with rather low flux for a sunspot max. But for a fact the short skip was  
> highly attenuated. For example I normally hear all those Texan's baying  
> after the Fox. I heard none last night.  
>  
> So NK6A was given real odd band conditions. Nothing the sun did it  
> would seem, but just no short skip on 40 meters. But the long skip was  
> pretty good for the first hour. The Canadian Radar had a good signal right  
> on 7040 KHz. But it faded out quite a bit here on the second hour.  
>  
> By the way, the buzz from the radar made copy on the Fox even  
> harder. I got an e-mail from the radar folks and it was terse but said  
> their "spectrum people" were looking into interference to 7040 KHz. If the  
> spectrum guys can't hear it in Canada I'll invite them to visit Las  
> Cruces, NM....:-)

-----  
Date: Fri, 8 Dec 2000 10:07:05 -0800  
From: "K7FD" <cqdx@teleport.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85781] Re: FOX was listening...really!  
Message-ID: <001701c06141\$acdff1e0\$a78c80a7@lincoln.k12.or.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> On Fri, Dec 08, 2000 at 05:25:17AM -0700, Karl F. Larsen wrote:  
>  
> > The band was dead to the 5 and 7 stations the whole 2 hours.  
>  
> Well, not to all the 7's. I was hearing Don fairly ..

Don? I thought his name was D9 ! Just teasing.... ;)

Happy Holidays, John K7FD

-----  
Date: Fri, 8 Dec 2000 09:53:18 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@lehigh.EDU>  
Subject: [85782] Re: 40 Meter VFO for the SMK-1 and other Rock-Bound-Rigs  
Message-ID: <002501c0613f\$c3917e60\$34d0fc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

That's great, Trevor, CA to VA. I thought I had done well working OK from  
CA with my TT2.  
We'll be watching for your info.  
73, Bob N6WG

-----  
Date: Fri, 8 Dec 2000 09:53:18 -0800 (PST)  
From: agtaylor@llnl.gov  
To: qrp-l@lehigh.edu  
Subject: [85783] Re: Need Nevada?  
Message-ID: <200012081753.JAA26939@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

I completely concur with Gary regarding skeds, etc., for awards. If you  
have met the rules for the award, who cares how you got the other  
station on the air to work you. Many moons ago, in a different galaxy,  
I had a sked arranged to work Maine on 20 cw to complete my WAS. He  
showed up, but it was a most miserable contact. It was far and away the  
most difficult one in earning of the award, to be sure. This was before  
(should I say WAY before) the internet and its guardians of the amateur

purity regarding awards. I got the award (circa 1962) and still consider it to be one of my significant accomplishments. Then a few years back when I was trying to get the FISTS WAS award I posted on the FISTS reflector that I was looking for my last two states (SC and LA, I believe). The award purity cops jumped all over me then but I just went ahead and had the QSO, got the award, and was glad for it.

Bottom line: ease up. Do we qualify for the award or not when we have met the stated requirements? Its like in a contest. Did you or did you not use packet to find stations? If you did, you are in Multi-op category, most likely. Did you use non-amateur means to solicit contacts, yes or no. If you did, you violated the stated rules for the contest and are a cheater. If you did not, all is well and you should go ahead and submit your log.

I personally don't like lists for phone DXing, but it is not prohibited by the rules for the awards (DXCC, WAC, etc.) so I cannot protest except to myself.

There is plenty of challenge left even if a sked is used to get the two stations on the air at the same time.

73 and have a great weekend!

Allan K7GT  
--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Fri, 08 Dec 2000 09:59:15 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: mmorrow@companet.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85784] Re: Now Showing: The ARS Sojourner  
Message-ID: <3A312173.F2C75D76@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike wrote:

>



> I too think the latest issue is a gem. I liked the two articles on  
> receiver performance evaluation. One contains a question that I've had  
> for a while: Why are several of the popular QRP rigs with non-Gilbert  
> cell mixers (ie, high current diode-ring designs) so modest in  
> performance? The designs of these rigs seem to have achieved  
> performance not significantly better than common 602/612 front end  
> designs, along with a lot more current consumption. Not a good result,  
> IMO, though I don't claim I could do any better, or even as well, were I  
> a designer.  
>

Plus I wonder how really important such lab results are in realistic  
band conditions running QRP on TX. Tuning around 7040, I don't seem to  
hear more with my K2 than with my K1. Of course, the K2 has many nicer  
op conveniences. But I'm not sure the big edge in "Receiver Factor"  
translates in to a real-world performance improvement (though it may on  
higher bands like 17/15/12/10).

> The Morse article was good, though I think it underemphasizes the  
> continued value of being able to send decent Morse with a straight key.  
> That's the ultimate test of one's intrinsic Morse character/word timing  
> skills.  
>

I tend to agree. Of course, my straight key sending runs out of gas a  
bit below 20 WPM (on a \*good\* day), nowadays; but I still enjoy a good  
SK ragchew. Paddles are definitely used by more CW ops than SKs, so  
maybe that's why the article was so focused.

73, Phil W70X

-----  
Date: Fri, 08 Dec 2000 12:06:53 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: wlfisher@bellatlantic.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85785] Re: morse code cards  
Message-ID: <3A31233D.A82ECBE2@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

As a former code instructor for the Air Force back in the 50's in  
another life, and with nearly 56 years of CW operation on the ham bands,  
I cannot think of a worse way to teach Morse Code than to ever let a  
student see any version of a printed code list or card.

One of the first things I would do with each new AF class was to walk around the classroom and collect all the "crib sheets" that the students had prepared to "help" them with the code.

If a student ever gets any concept of Morse Code other than the sound and rhythm of each character, he will likely have a difficult time somewhere down the timeline either in being proficient or in increasing code speed.

Another highly negative barrier to learning is the notion of grouping "similar" characters in their introduction and practice: e, i, s, h, etc. All this does is to encourage the student to both learn and practice characters based upon counting the code elements. I would always introduce and practice new characters by grouping those with the most different sounds and rhythms, not the similar ones.

As a practical matter, you can get almost any class or group up to a 5 wpm level by letting them use the "training aids" you are seeking. That will get them out of the class and through the code test. In fact, at 5 wpm they can just jot down the dots and dashes and still pass the test. But, that isn't going to equip them to rag-chew on 20 or 40 later on.

In my view, they are inevitably crippled and somewhere down the line will find that they have "hit the wall" at some speed and just can't get over it. The initial exposure to code sets the scene for all later experience. And few things are more difficult to do than to relearn the code.

Please think this over very carefully before you cripple your students in their quest to learn and become proficient in the code.

72/73, George    W5YR - the Yellow Rose of Texas    NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county    QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

wlfisher@bellatlantic.net wrote:

>

> a few weeks ago "qrp digest" there was an article on morse code cards please repeat it because I

> need it to teach some new hams the morse code and I deleted it so I would like to see again.

> This was where all the morse code was printed so it could be pasted on 3 x5 cards for easy use

> I remember that all the numbers were on one card; e, i, s, h, t,m,o, were on another and that is I

> all can remember so please try to help me out asap. tnx 72 bill K2GVC NJQRP 186  
NEQRP 5??

-----  
Date: Fri, 8 Dec 2000 10:03:12 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [85786] Re: FOX was listening...really!  
Message-ID: <003701c06142\$44730ba0\$34d0fc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don

I'm very glad I caught you when I did. Later in your run I could not hear you at all. The short skip between us just up and went.

Had a good laugh at myself. For the first 19 minutes of your run, I was calling like mad. No results. Finally discovered I still had the K2 in Test mode. Plenty of sidetone, but no TX output. Changed back to Oper and caught you with my first call.

Thanks again. You can take a crack at me next week.

73, Bob N6WG

-----  
Date: Fri, 08 Dec 2000 10:14:33 -0800  
From: Russ Carpenter <russ@natworld.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [85787] Re: Now Showing: The ARS Sojourner  
Message-ID: <B6566509.6210%russ@natworld.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Dear Zack,

Thanks for your comment on the receiver factor. Yes, the receiver factor can be positive. That marvelous receiver of yours would receive a score of +7 dBm. Congratulations!

Russ Carpenter, AA7QU

-----

Date: Fri, 08 Dec 2000 10:27:15 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>  
Subject: [85788] 50:75 Ohm transformer.  
Message-ID: <3A312803.CA7144BB@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang, last night I built a transformer capable of  
50:75 ohms or 50:37 Ohm transformations. It is  
for the BB3 vertical antenna.

I tried toroid style autotransformers, also the  
multifilar 50:75 project in the antennabook. But  
the one I built (transmission line style autotransformer)  
works best.

Response per band: (VSWR on HP8505A net. analyzer.)

160M==>1.7:1; 80M==>1.3:1; 40M==> 1.2:1

20 M==>1.25:1 10M==>1.5:1

Basically the return loss measured was better than 20 dB  
from 3.0 MHz to about 25 MHz and 16 dB at 1.7 MHz  
and at 30 MHz.

Use a 1x1x.5 inch or slightly larger binocular core. You'll  
need about 24 inches of coated wire. Size of wire depending  
on ability to fit the core. I used 20 awg stranded and teflon  
coated wire since I couldn't fit my 16 AWG magnet wire without  
scratching the coating off the wire.

Insert one full turn into the core and label the short end as ground.  
Complete 4 full turns and carefully strip the wire to form a tap  
point. Complete the final winding and you are done!

If you feed the tap at 50 ohms, the output is 75 ohms. As a  
stepdown tranformer to veed a vertical antenna, use the  
tap as the low impedance output. Feed with 50 ohms.

Simple and has good performance.

72/Ed we6w

--

72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA  
My 2 pennies worth is just common cents.

-----NetZero Free Internet Access and Email-----  
<http://www.netzero.net/download/index.html>

-----  
Date: Fri, 08 Dec 2000 10:49:37 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>  
Subject: [85789] Re: 50:75 Ohm transformer.  
Message-ID: <3A312D41.5C3644E3@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Shoot! I missed a set of numbers I wanted to include.

Transmission loss.

Loss from 1.8 to 30 MHz goes from  
.1 dB at the low end to .4 dB at 30 MHz.  
Mismatch errors are +/- .017 dB of these numbers.

Sorry abt. that. -Ed "72"

Ed Loranger wrote:

> Gang, last night I built a transformer capable of  
> 50:75 ohms or 50:37 Ohm transformations. It is  
> for the BB3 vertical antenna.  
>  
> I tried toroid style autotransformers, also the  
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>  
> Insert one full turn into the core and label the short end as ground.  
> Complete 4 full turns and carefully strip the wire to form a tap  
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>  
> If you feed the tap at 50 ohms, the output is 75 ohms. As a  
> stepdown transformer to feed a vertical antenna, use the  
> tap as the low impedance output. Feed with 50 ohms.  
>  
> Simple and has good performance.  
>  
> 72/Ed we6w  
>  
> --  
> 72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068  
> <http://www.qsl.net/we6w> Santa Rosa, CA  
> My 2 pennies worth is just common cents.

--  
72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
My 2 pennies worth is just common cents.

-----NetZero Free Internet Access and Email-----  
<http://www.netzero.net/download/index.html>

-----  
Date: Fri, 08 Dec 2000 12:50:52 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: w5yr@att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85790] Re: morse code cards  
Message-ID: <3.0.2.32.20001208125052.00a20920@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I sure agree with George on bad habits for learning Morse code.

I learned the Boy Scout lookup chart way early on, then used the crib sheet

and counting elements methods when I got into Amateur radio.

Now, I still mentally count elements both sending and receiving. It affects my top speed and also makes copying in my head a problem. I'm working on techniques to only hear the sounds but it's difficult. Especially after doing it wrong for over 45 years.

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Fri, 08 Dec 2000 13:55:28 -0800  
From: "Craig A. Ferris" <cferris@aeronix.com>  
To: qrp-l@Lehigh.EDU  
Subject: [85791] Gel Cell Wanted 26 A/h  
Message-ID: <3A3158D0.9883ECB4@aeronix.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A week or two ago someone listed 26 A/h gel cells and was selling them in pairs. If anyone bought a pair and only needs one, let me know. Please reply direct.

73,  
Craig NR4E  
Melbourne, FL

-----  
Date: Fri, 8 Dec 2000 13:52:37 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85792] need a part  
Message-ID: <6d.c8eaea1.276287f5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang, Still working on the NC 40-M.  
I removed the defective final and replaced it with a 2N3053.  
My sidetone (transmitted tone is now twice as strong but the meter is still showing nothing.  
The paper work I now have says the replacement final is a MRF 237.  
Anyone have an extra one I can buy.

Tracing the voltage back I have everything going to the choke and the diode for the final so I'm assuming that the 3035 just will not do the job.  
I'm open for all/any suggestions  
Thanks  
Bob WA2HOQrp <tm>

-----  
Date: Fri, 08 Dec 2000 19:09:19 +0000  
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>  
To: w5yr@att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85793] [OT]: morse code cards  
Message-ID: <5.0.2.1.0.20001208182704.00a050e0@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:06 PM 12/8/00 -0600, George, W5YR wrote:  
>As a former code instructor for the Air Force back in the 50's in  
>another life, and with nearly 56 years of CW operation on the ham bands,  
>I cannot think of a worse way to teach Morse Code than to ever let a  
>student see any version of a printed code list or card.

----- snip snip -----

>72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

EVERYONE PUT ON YOUR FLAME SUITS PLEASE ---- this one ticks me off

Wow George you are great. Dinner is on me.

I have been stewing for a week due to the last issue of the FISTS newsletter (The Keynote, Issue #9, 2000). In it Nancy Kott, WZ8C, the current leader of FISTS published a letter from one Dick Allaire, AC4NW. It is both the fact that Nancy would even consider publishing the letter and the content of same that set me off. That one issue of the newsletter will in my opinion set back a lot of work that I and other instructors like George, David Findlay (sp?), and many others have done. (sorry Dave, I couldn't find the ARRL book you did handy to get your name correctly spelled and the call something like N1FZ).

The letter/article from Dick was titled "Learning Morse Code The Easy Way". In it he suggests that the student make up a set of cards showing dots and dashes for all the characters, punctuation, numbers, and prosigns. He claims that the coupling of audio with sight will help. (\*&(@\*#&\$\$\$ That is wrong and it has been proven to be wrong. You will handicap more CW operators than you can count if this continues.



As George says you might be able to do 5wpm but when you get above 12wpm or so you will hit the so called "wall" where you will progress no further until you go back to ground zero and learn the code correctly.

I hereby challenge both Mr. Allaire and Ms. Kott to a code copying contest at next years Dayton Hamvention. I learned the morse code by memorizing the sounds only. No other aids were used. W3CVE had an old code course on vinyl records that started from zero and went to 55wpm and not a single sheet of paper was used during the entire course. He had the student learn the alphabet in order from A, B, C, D, ....., then the numbers and then the punctuation. Isn't this the way we learned the alphabet the first time in school???? I'm with George. If anyone learns the grouping such as E, I, S, H, 5, and error then they will be stuck with counting (either consciously or subconsciously) and will never get to speeds higher than 25wpm or so. That is the number one mistake made by most instructors that teach that way and the resulting students are at a handicap. I won't dwell on it further.

Oh, I'll need some funding for this contest at Dayton as I have no other reason to go at this time. So someone find sponsors for this little event. :-)  
I don't know about Mr. Allaire but Ms. Kott can't do over 25wpm last time I sent her CDs to practice on.....

The ARRL first series of CDs IMHO is the way to teach morse to new students and old that have forgotten or not used it or learned it incorrectly. If the ARRL would make the CDs public domain (not likely), or gave them to new subscribers to QST, or people do as I do and buy them for new students or interested persons young and old (remember the Ft. Smith and Tuthill stories?) then we would get a lot more hams that will stay with the program longer and be around a decade or more from now. See my web page

<http://www.qsl.net/k7qo/> for the morse related pages.

OK, sorry for the tirade but it is a touchy subject. In my book if anyone teaches new students using visual aids they go into my stupid persons book. Ignorance is excusable but outright stupidity is a crime. And to pass it on is even worse....

And if anyone has doubts about what I'm talking about.... CP-60, 100+ wpm on RUFZ, and a drawer full of Code Proficiency (CP) Certificates at 40wpm and higher and numerous contests won back when they had them at hamfests..... I listen to morse daily while walking at speeds greater than 70wpm on CDs. This is plain text from newsprint.

Let's kill off this thread and take it over to the Morse Code groups. If anyone in this group has the cheat sheets, etc. Destroy them and please please do not pass them on. You will be doing some serious damage to a lot of good minds that could have done better going the right way. It may take

a few hours more up front but will save years and years of pain and heart ache down the road. I've seen it many many times before. But now that I've typed that Ms. Johnson went from 0 to 5 wpm using the ARRL CDs in less than 5 hours including alphabet, numerals, punctuation, and prosigns. So maybe there isn't any more time up front to do it right.

Again my apologies for this tirade but it is very very important to keep the mode alive (and please no email from those of you who want to kill it off --- over my dead fingers on the paddle) for QRPers and all.

FYI

dit dit

Chuck Adams, K7Q0      CP-60  
Prescott, AZ      k7qo@primenet.com

-----  
Date: Fri, 08 Dec 2000 13:15:47 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Chuck Adams, K7Q0" <k7qo@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85794] Re: [OT]: morse code cards  
Message-ID: <3A313363.9F77F078@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the backup, Chuck. You said things in a way a lot closer to what I wanted to say . . .

72/73, George    W5YR - the Yellow Rose of Texas      NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county      QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Chuck Adams, K7Q0" wrote:

>

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> have done. (sorry Dave, I couldn't find the ARRL book you did handy  
> to get your name correctly spelled and the call something like N1FZ).

<snip for brevity not content!>

-----  
Date: Fri, 8 Dec 2000 14:28:01 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85795] Re: [OT]: morse code cards  
Message-ID: <005401c0614c\$fe6dee80\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sometimes the issue is not so clear cut.

Sorta like the "Do you want it done right or do you want it done  
by Tuesday?" kind of thing.

I know I was crippled by the flash cards. And getting 'free' of that  
'mental lookup' of the patterns is a hard habit to break.

BUT.... Sometimes there are people out there who DON'T CARE  
about the long term effects. They want CW now. Sure, they may  
hit a brick wall down the road, but now it's a tradeoff of getting

them quickly into CW and using it or risk using another method that might be better for them long term but they can't take initially to it as well.

And what about the individuals who say they just don't care about CW, but want to learn it to get HF? All they care about is learning that 'mental lookup' to break the 5wpm requirement.

Now it's a question of helping them quickly get the 5wpm to get the ticket, and knowing that they SAY NOW that they won't ever use it. BUT, the fact that they do know it, they might just have a bit of fun with it and who knows what percentage of these people might eventually take to it?

You try to take the people who SAY they don't care about CW other than to 'just get the certificate' and risk alienating them, and they go elsewhere with an attitude that they WILL abandon CW as soon as that certificate satisfies their immediate needs of getting an HF valid license.

I don't see it as a cut and dry choice.

Mike

-----  
Date: Fri, 08 Dec 2000 13:30:09 -0600  
From: markmilburn <markmilburn@netzero.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [85796] Morse cards  
Message-ID: <3A3136C1.A989D9D4@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you want a horrible example, I can volunteer. Having no Elmer when I decided to become a ham radio operator, I did exactly what was suggested. I wrote down all the letters and numbers and put the dots and dashes beside them on paper and proceeded to memorize them all. I blazed through the Novice test without a hitch, but on the way to the General, I discovered that about 8 or 9 wpm was all I could do. I had to go back and start all over. It wasn't bad enough to learn the code the right way, I had to try to unlearn visualizing the dits and dahs, and unlearning something is twice as hard as learning it. I finally did well enough to get my Extra and I can do a few words beyond that, but I will never be a

good CW op and I think learning it the wrong way at first is probably the biggest thing that limits me even now after 36 years on the air, almost 100% CW. Don't do it.

72 Mark, KQ0I

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-----

-----  
Date: Fri, 8 Dec 2000 14:27:52 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'ewilson@nccn.net'" <ewilson@nccn.net>, Low Power Amateur Radio Discussion  
<qrp-1@Lehigh.EDU>  
Subject: [85797] RE: pacemaker - RF  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C855@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The following URL is not intended to replace the advice of qualified health professionals. It may help them better understand radio so they can properly advise you. In general, many hams with pacemakers have been able to continue to enjoy ham radio, although high power and close antennas are probably not generally advisable.

The ARRL RF Safety Committee has a cardiologist as a member.

<http://www.arrl.org/tis/info/pacemaker.html>

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Elda & Doug Wilson [mailto:ewilson@nccn.net]  
Sent: Thursday, December 07, 2000 5:06 PM  
To: Low Power Amateur Radio Discussion  
Subject: pacemaker - RF

I have a ham friend that recently received a pacemaker. He told me his doctor informed him that he could not operate his radio equipment.

I also have a heart condition that is worsening and my cardiologist told me that a pacemaker would probably be the next step. I am not ready to give up ham radio and wonder if others on this list have had a similar experience and can give me some information?

Thanks,

Doug Wilson    k6rpn  
Grass Valley, CA

-----  
Date: Fri, 8 Dec 2000 14:30:10 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85798] RE: Pacemakers  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C856@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

>Look on the roof of most hospitals...LOTS of high power

>VHF/UHF/Microwave paging, repeaters, etc.

The W1AW repeater is located on the roof of a nearby hospital.

73,  
Ed Hare, W1RFI

-----  
Date: Fri, 8 Dec 2000 14:37:12 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85799] RE: I need more than Nevada....  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C858@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> I figure a scheduled contact at 500 mW is at least as  
> good as a non-scheduled contact using 1KW.

Within the scope of the amateur rules and the for the WAS awards, I think it perfectly fine that each operator sets his or her own standards. All of the "shoulds" are contained in the Part 97 and WAS rules. Those just seeking to do it, and not obtain any award, only need to follow Part 97 and whatever they feel makes the award valuable to themselves.

73,  
Ed Hare, W1RFI

-----  
Date: Fri, 8 Dec 2000 14:39:27 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85800] RE: Need Nevada?  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C859@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> Having said that, I do agree with the idea that scheduling the qso does  
> take the challenge out of the process.

If you knew that a needed DX country was going to be active for only an hour, would you forgo the contact because it was not as challenging as encountering that same station at random on the bands?

73,  
Ed Hare, W1RFI

-----  
Date: Fri, 8 Dec 2000 13:50:36 -0600  
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85801] Re: [OT]: morse code cards  
Message-ID: <005401c06150\$233dbb20\$6500a8c0@rob>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George and Chuck,

Couldn't agree with you more. I had the additional handicap of originally learning morse from a Boy Scout chart which depicted each letter as an animal or ordinary object with the dots and dashes as highlighted features. Almost forty years later, I still occasionally visualize an ox when I hear the letter "X" (long horns on the outside, two eyes in the center). Maybe cute for a child, but a serious impediment to developing speed in the long run. Thanks for stating the case against visual aids so forcefully.

Jim N9WW

> At 12:06 PM 12/8/00 -0600, George, W5YR wrote:  
> >As a former code instructor for the Air Force back in the 50's in  
> >another life, and with nearly 56 years of CW operation on the ham bands,  
> >I cannot think of a worse way to teach Morse Code than to ever let a  
> >student see any version of a printed code list or card.  
>  
>  
> >OK, sorry for the tirade but it is a touchy subject. In my book if  
anyone  
> >teaches new students using visual aids they go into my stupid persons  
book.  
> >Ignorance is excusable but outright stupidity is a crime. And to pass it  
on  
> >is even worse....  
>

-----



Date: Fri, 8 Dec 2000 15:05:11 EST  
From: RangerSF5@aol.com  
To: w1rfi@arrl.org  
Cc: qrp-1@lehigh.edu  
Subject: [85802] Re: Need Nevada?  
Message-ID: <3b.d664e70.276298f7@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 12/8/00 2:44:44 PM Eastern Standard Time, w1rfi@arrl.org writes:

<<

If you knew that a needed DX country was going to be active for only an hour, would you forgo the contact because it was not as challenging as encountering that same station at random on the bands?

>>

YES,

I WOULD!!!!!!!!!!!!

Because now it's not MY SKILLS that made the contact.

Back in 78 a W3TFA or W3TFI (can't remember the call) but he was very active in QRP and Amsat.

I caught him on 80-M but conditions were very bad and he had problems trying to copy my 3 watts on 3,701.

We did QRT and made a sked. But we agreed that a 2 way would be confirmed when we both were able to copy each others QTH, RST, RIG, NAME, Power, & address.

His name was Stan and he was a WW2 dive bomber pilot.

We just about made it along with many repeats.

He sent me info on Amsat and after reading the article about using low power it was then I realized the picture was on the page was him.

I last spoke to him VIA phone before I went to Poway, CA.

He lived in MD.

Bob

WA2ZHOQrp <tm>

-----  
Date: Fri, 8 Dec 2000 14:05:34 -0600  
From: Bcieslak@ra.rockwell.com  
To: qrp-1@Lehigh.EDU  
Subject: [85803] Need Nevada?  
Message-ID: <0F90DA0221.3375E278-0N862569AF.006DC3C0@ra.rockwell.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I guess claiming an award with solicited QSO's is sort of like claiming your store bought kit is Homebrew and hence

qualifies to be used in a HB contest. One may claim " well I still had to build the kit, what does it matter where the parts come from."  
Well you still have to complete the QSO, doesn't matter that you know where and when he'll be on...You guys sure can be picky about the weirdest stuff.

Brian

-----  
Date: Fri, 8 Dec 2000 15:15:35 -0500  
From: "Victor Blackwell" <victor@brecnet.com>  
To: <k7qo@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [85804] Re: [OT]: morse code cards  
Message-ID: <003e01c06153\$a0755dc0\$505730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Man it is great to see a couple of CW tirades on this list with out seeing my name on it.

This flash card business is about the worst advice I have ever heard of. It is bad, bad, bad.

I was once trained by a fellow ham. He did not have a clue. One of the ol eish5 guys. Nice guy but could have ruined me for life. Then I took a military course. I made perfect copy for 6 weeks. But the military do not dare to teach people how to sit back with there heels on a desk and rag chew at 50 plus. That have to teach to put in paper and don't mess up the unencrypted messages. A friend of mine who is a marine op had to put in on the paper and not mess up part numbers etc..

We ham are free to do CW anyway we want and it is great fun and a joy to put my legs and just let it fly. The CW becomes totally invisible. The message, the thoughts transferring between two minds. The signal is pure message at its most simple form. When you are clicking along with someone and you are thinking faster, faster. It don't get no better than that.

I will end my tirade. Thirty years ago I would not allow a pencil in the shack. It was a do or die situation. I had to dump all the bad habits. It was tough.

To this day, if I work you I may sign off with my call only. I did not remember your call. It was not written down anywhere.

I just met a person at the radio store who was getting back on the air. He had been busy with life for a while and he, believe it or not, missed the CW. I knew what he met. I am on the air or listening to CW night and day. I think I will make up some tapes with the 500 most common words and make them at various speeds.

Vic AD8K dit dit dit dit didahhhhhhhhhh

-----  
Date: Fri, 08 Dec 2000 15:18:42 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85805] RE: Need Nevada?  
Message-ID: <XFMail.001208151842.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

It should only count if:

1. It is a totally random contact. If you read he was going to be on in QST, it shouldn't count. Cancel your QST, CQ, etc subscriptions!
2. You should only be using a REAL homebrew rig, built with parts you scrounged from a 1956 Black and White TV.
3. Your antenna may only be a random piece of wire, installed using only existing trees, etc ( NO towers allowed).
4. You must only use a staright key. Keyers are for the lazy.
5. You must copy his full name, QTH, Zip code, grid square and Mother's maiden name.

Then you may satisfy the AR Award Program. (That's Anal-Retentive Award Program, if you didn't know).

John W2AGN

On 08-Dec-00 Hare,Ed, W1RFI wrote:

- >> Having said that, I do agree with the idea that scheduling the qso does
- >> take the challenge out of the process.
- >
- > If you knew that a needed DX country was going to be active for only an
- > hour, would you forgo the contact because it was not as challenging as

> encountering that same station at random on the bands?  
>  
> 73,  
> Ed Hare, W1RFI

-----  
Date: Fri, 8 Dec 2000 15:16:43 -0500  
From: ed.kwik@delphiauto.com  
To: qrp-l@Lehigh.EDU  
Subject: [85806] Re: [OT]: morse code cards  
Message-ID: <052569AF.006FDD5A.00@usabhm99.mail.delphiauto.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

When I am chatting with some on the air with CW, do I even care if they are counting my dits and dahs? NO! My first exposure to the Morse code was in the Boy Scouts. There was a focus on the visual aspects of the code including counting and grouping characters. Was this wrong? Absolutely not! It got us 'good enough' for us to learn it. Yes, when I got into Ham radio I carried the old habit with it and for my years at 5 to 7 WPM it was not a problem. I hit the roadblock and had to relearn it by sound only. I do not think it was a mistake. I believe it is a more natural and easier progression to count and then outgrow the counting and progress sound recognition. I agree that counting first and sound later is not the most effective way to above 20 WPM conversational CW. But more of us did that way than the 'right ' way.

1. Someone who got their ticket by counting, got their ticket. The other one who gave up and did not get their ticket because learning the 'right' way was harder, did not get their ticket.
2. The OP on the other side of the QS0 can not tell a counter from a non counter.
3. This is not the military.
4. The rules say 5 WPM is good enough.
5. I seem to have more 5 WPM QS0 with good timing and spacing than 25 WPM QS0s.

Ed AB8DF

-----  
Date: Fri, 08 Dec 2000 12:36:55 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>  
Subject: [85807] ARS Sojourner K1 Review - Comments  
Message-ID: <3A314667.32CC377D@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This month the Adventure Radio Society published a technical review of the K1 in their web magazine, ARS Sojourner. I commend Russ for pushing all of us to design high performance receivers. He voices some strong general opinions regarding receiver front end designs with NE602 Gilbert mixers, audio derived AGC etc. I'd like to post some comments on the review below.

As usual, Russ did an excellent job of doing the lab tests. His data is well presented and we really like the comparison charts. Russ accurately states that: "The K1 is a NorCal 40 / Sierra / SST on steroids." This is exactly what we intended and our RX specs bear this out. What I'd like to point out is that there are really two legitimate categories of RX performance:

- 1) The 'crunch-less' front end used by higher end, more complicated and expensive rigs (K2, FT-1000 etc.), and
- 2) The 'reasonable' RX performance offered by rigs like the K1, DSW-20, Sierra, NorCal 40, SST, IC706, FT-100 etc.

Russ appears to have a strong bias against -any- RX based upon a '602' Gilbert Cell type mixer. (We do too, as you can see in our K2 design - but only for higher end designs - not those intended for simple construction and portable use..) I feel Russ misses the point in the case of the K1 and rigs like it. We DID design it for low current drain portable use and that basically limited us to a low power mixer like the '602. That's how we achieve its 55 ma RX drain. We optimized the RX chain so it performs significantly better than other '602 designs and we also made the front end band pass filters extremely narrow to reject out of band signals. Our K1 users in Europe (with its harsh RF environment) have been very happy with its performance, even on home antennas. Its not meant to be a K2, but it performs at the top of its class of simple, portable, low cost rigs.

The '602' also allow us as designers to significantly reduce the component count in the rig.

What is really interesting about the review is that the K1 RX performs exactly

where we expected it to: More or less at the top end of the 'Gilbert Cell' mixer rigs, and surprisingly better in several RX specs than a couple of the 'diode ring' mixer rigs like the QRP+ and NC20. (Readings within 3-5 dbm on the charts are essentially equal since the measurements can vary by that much from rig to rig and lab session to lab session.)

A third order iP in the -5 dBm to 0 dBm range is not bad for this class of rig. The ARRL numbers for the IC706 are -1.3 to -11 dBm and the TS-50 comes in between +3 and -7 dBm. Certainly the higher end RX rigs like the K2, FT-1000 etc. have much better numbers, but this comes at additional expense, size, complexity and current drain.

The negative comments on the variable crystal filter are odd since he provides no supporting detail except for the raw data on the filter. The filter graph is where we expected it to be and as you have noted it works quite well. (Yes, the wider response setting has a broad roll off, but this width is only intended for use while tuning the band. I always use the narrower K1 filter settings for the final QSO.) Any of the many NC40 / Sierra / SST / DSW20 users out there will be more than happy using the K1.

Russ also made a negative comment about audio derived AGC in general, which is used in all of the rigs in this class (NC40, Sierra, SST etc., and even by the NC20, QRP+ and SG-2020. (The DSW-20, 40 etc. and the SW40 series have no AGC. They rely on manual RF gain and diode clipping limiting in their AF stages.) We worked hard optimizing the K1's audio AGC performance to be the best in this category. IF derived AGC will always have a better attack time, but it would have added significantly to the size, complexity and cost the the K1.

The bottom line is that we designed the K1 with the following goals in mind:

1. Very low RX current drain for battery / portable operation
2. Very easy to build, understand and debug - even for first time builders.
3. Reasonable cost - well below the K2 and other full feature rigs.
4. Good RX operation in over 95% of operating situations.
5. Excellent TX characteristics (excellent harmonics and a great keying waveform.)
6. Unmatched features in a single, very small, package: Built in memory keyer, digital display and options for a noise blanker and internal auto tuner. You can basically throw the K1 into your briefcase, knapsack or lunch box, along with a battery and spool of wire, and be on the air where ever you choose to go!

All reviews are subjective. What is excellent about Russ's ARS review

is that while he voices his opinion about RX designs strongly, he follows his subjective opinions it with lab data. While I wish he had made it clearer he wasn't singling out the K1 RX performance versus other rigs in its category, I think most readers, after reviewing the data and comparing the K1 to the other rigs in its class, will not be disappointed at all. So far our K1 customer feedback has been exceedingly positive.

A final note: Wayne and I are obsessive optimizers. If there is a way to squeeze more RX performance out of rigs designed for this class (small, portable and easy to build and understand), you can be sure we will find it!

73, Eric WA6HHQ  
www.elecrafter.com

-----  
Date: Fri, 8 Dec 2000 14:58:50 -0600  
From: smckean@birch.net  
To: QRP-L@Lehigh.EDU  
Subject: [85808] What IS "real" QRP?  
Message-ID: <200012082104.PAA11081@tango.birch.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I have been seeing various posts recently that make me wonder if I REALLY understand what QRP is.

The current debate is on the issue of making skeds to bag the QSO's one needs for awards. A few weeks ago, there was a suggestion that adding /qrp to one's call was a breach of etiquette.

As several have noted of their own experience, I have made WAS, WAC etc many times over without schedules. I have, however, been a ham for nearly a half century. Given enough time, anyone can work about anything with random contacts.

(kinda like, take an infinite number of monkeys and an infinite number of typewriters . . .)

I am curious what the consensus is.

1. Is it really a no no to schedule QSO's -- for whatever purpose?

2. Am I bad if I put the QRP suffix on my call if I am calling CQ?  
( I have to confess that I have done so)

3. If I am in QSO, is it OK to ask a station to listen while I reduce power further? (guilty again) Are miles per watt meaningful only in random QSO's?

4. How about hanging around the QRP calling frequencies? Am I giving myself an unfair advantage by being where folks are listening for weak signals?

I guess what I am asking is how much of a handicap do I have to impose on myself before I can consider myself a true QRP'er?

I personally started QRP'ing many years ago -- before it became fashionable. I did so because I lived in a high population density apartment complex that didn't allow outside antennas. It was a matter of go QRP or get off the air; I ran low power to an indoor antenna because I had no alternative. And over time, I learned that finesse and timing meant as much as power for any kind of contacts.

Was I bad to give myself what advantages I could short of increasing power?

-----  
Date: Fri, 8 Dec 2000 16:07:46 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85809] Re: Where's all the help??  
Message-ID: <df.d54d3e1.2762a7a2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Well, I was told that if you needed help this is the place to get it. I made three technical posts and received 1 reply. I guess if I posted that my NC 40-M has everything working but I can't get any power out so I'm selling it as is for \$25.00 shipped I would have 50 list members mailing me saying "CAN I BUY IT?" It's happened many times in the past. I'll go get a book and find the solution myself  
Thanks

-----  
Date: Fri, 8 Dec 2000 15:08:50 -0600  
From: smckean@birch.net  
To: QRP-L@Lehigh.EDU



Subject: [85810] What IS "Real" QRP?  
Message-ID: <200012082114.PAA13824@tango.birch.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I have been seeing various posts recently that make me wonder if I REALLY understand what QRP is.

The current debate is on the issue of making skeds to bag the QSO's one needs for awards. A few weeks ago, there was a suggestion that adding /qrp to one's call was a breach of etiquette.

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(kinda like, take an infinite number of monkeys and an infinite number of typewriters . . .)

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Was I bad to give myself what advantages I could short of increasing power?

Sorry about dupe; I lit the fuse befor I got the identifying info on.

73, Stan K0LV

-----  
Date: Fri, 08 Dec 2000 15:17:02 -0600  
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [85811] Re: [OT]: morse code cards  
Message-ID: <3A314FCE.CE414709@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I agree too about learning code by sound, not by image.

On the other hand, I'd love to see one of those charts.  
I may have trouble myself now avoiding that "OX" when  
I hear a letter X. Sort of like that thing about standing  
around on a streetcorner trying not to think of a polar bear.

Then there was the "method" being marketed a few years back  
called "Curlycode" that was supposed to teach you to visualize  
script letters forming on the back of your closed eyelids or  
something like that. I had the papers on it lying around  
somewhere, but haven't seen them recently.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Fri, 08 Dec 2000 14:18:36 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Bob Hightower  
<nk7m@extremezone.com>, Roger Hightower <n7kt@worldnet.att.net>  
Subject: [85812] Contest: QRPDUPE - 10M Phone Problem  
Message-ID: <3A31502C.EC202EDD@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

Well, at 3 hours before the start of the 10M contest, we have discovered a problem. The program will not dupe Phone-Phone QSO's. I'm going to try and find, and then fix the problem, but don't know if I can do this and upload a corrected version before the contest.

The program works perfectly in CW. This bug exists for Phone QSO's only. If you are going to operate only CW, all is fine.

An easy fix is to this problem if you wish to operate phone, is to operate the contest in the CW mode of the program. After the contest, just use a simple test editor like Notepad etc. to search and replace all instances of "CW" with "PH". You will have to do this for the CABRILLO file as well.

Sorry that this one got by me, but I just didn't test the program in the phone mode at any length.

Remember, if you are doing CW only, the program should work perfectly.

Sorry,  
Brian K7RE

-----  
Date: Fri, 8 Dec 2000 16:36:25 -0500  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [85813] Contest Calendar 2001 for the QRPers  
Message-ID: <008401c0615e\$eba12300\$8b1a5cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

2nd Annual QRP Contest Calendar for 2001

[www.n3epa.org](http://www.n3epa.org)

The Eastern PA QRP Club would like to announce the release of the 2nd Annual QRP Contest Calendar for 2001.

If you have reserved a calendar and you did not send in you money, please do so soon. The cost is \$10. If you would like a calendar please e-mail me with your name,

call and amount of calendars.

It is photographic quality with color pictures, this will be 100% better than our first calendar. We are mailing the calendar out on December 4, 2000.

This calendar will list QRP contests and contests with QRP categories. It will be a fold-out style that you can hang on your wall next to your rig. There will be a lists of Web sites and contest managers calls. The Web site addresses will have the contest rules plus much more. The color pictures will feature the winners of kit-building contest that are held at the different QRP forums or conventions throughout the year. This is really a handy calendar to have in the shack. The calendar will measure 11" x 17" when open. It will be in color and B&W format, with the pictures and information on the top half. For more information and a sample of the calendar check out [www.n3epa.org](http://www.n3epa.org) . Check out the comments from some of the hams that have already received their calendar.

Order Now!

72 & 73  
Good DXing

Ron Polityka  
de N3EPA  
[n3epa@fast.net](mailto:n3epa@fast.net)

vvv Eastern Pennsylvania QRP Web Page vvv  
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: [n3epa@fast.net](mailto:n3epa@fast.net)

-----  
Date: Fri, 8 Dec 2000 13:46:19 -0800  
From: [schoon@amgt.com](mailto:schoon@amgt.com)  
To: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>, <[ka9nzi@arrl.net](mailto:ka9nzi@arrl.net)>  
Subject: [85814] RE: [OT]: morse code cards (Long)  
Message-ID: <c=US%a=%p=American\_Geotech%l=AG-CALCITE-BDC-001208214619Z-363@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gary and all,

You can't find your papers because your eyes are closed! All kidding aside, I do a form of both when copying CW. I normally copy in my head and just take notes as I go. I really only write down the stuff for the log and the rest of the QSO is done inside the gray matter.

I learned CW myself using the old RadioShack 5 to 1000 watts book. IIRC, I was sounding out the letters and then worked my way up to sending and then off with a radio via W1AW. When I enlisted in the Navy ( circa 1985 ) as a Morse Operator, they STILL made me take the 19 week course. All we did in that class was vocalize the CW. The instructor would send a letter and then the entire class would say what we just heard. If we heard an 'A' we would all yell back dit-dah. If anyone made a mistake, it was clear what the correct response should have been. After that we moved to typewriters like devices and higher speeds..... I never told them I was a ham until I was accidentally found out by another instructor. They couldn't figure out how I managed to top 22 WPM in 5 letter groups in 3 weeks!!

I did have some fun with code though..... When the smoke alarm in the barracks would beep because the battery was low, I would lay in my rack and say 'TANGO', 'TANGO' driving my roommates nuts..... Using two receivers and a set of stereo headphones I could copy two stations at once - well actually alternating between the two on two typewriters or using two pencils - one in each hand..... Drove the Chief up a wall! But I digress.....

Ah the fun you can have once you get comfortable copying in your head. I agree with ditching the flash cards and learn to copy entire words and not letters. I think that's the drawback to many folks not handling the higher speeds... The get bogged down in copying single letters when they should be getting used to entire words..... Instead of hearing 'T' 'H' 'E' as separate letters and then realizing it's the word 'THE'.... Maybe there should a second phase to copying plain English CW - working on common words, abbreviations, etc. Tying it all together with lots of on air practice....

Oh, I wouldn't close my eyes and copy code while I'm CW mobile - probably not a safe idea!!

72

.mark

>-----

>From: Gary Lee Phillips KA9NZI[SMTP:ka9nzi@arrl.net]

>Sent: Friday, December 08, 2000 1:17 PM

>To: Low Power Amateur Radio Discussion  
>Subject: Re: [OT]: morse code cards  
>  
>I agree too about learning code by sound, not by image.  
>  
>On the other hand, I'd love to see one of those charts.  
>I may have trouble myself now avoiding that "OX" when  
>I hear a letter X. Sort of like that thing about standing  
>around on a streetcorner trying not to think of a polar bear.  
>  
>Then there was the "method" being marketed a few years back  
>called "Curlycode" that was supposed to teach you to visualize  
>script letters forming on the back of your closed eyelids or  
>something like that. I had the papers on it lying around  
>somewhere, but haven't seen them recently.  
>  
>-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>  
>

-----  
Date: Fri, 08 Dec 2000 15:45:37 -0600  
From: Michael Melland <[badger@vbe.com](mailto:badger@vbe.com)>  
To: [elecrafft@qth.net](mailto:elecrafft@qth.net), QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [85815] MDS of Elecraft K1  
Message-ID: <NEBBLKAGEKBNGELOFFCACEFBCAAA.badger@vbe.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

The test I finally made last night of my K1's mds appears to be correct !  
The ARS review of the K1 Eric posted about has a very similar figure. My  
test revealed the mds of mine was  
-130 dBm and their test was -131. So I must have done something right  
<grin>..... great big ears for a little rig !

Great work Eric and Wayne !

72 de Mike

--  
Michael Melland, W9WIS  
QRP-L #1656 QRPARCI #9875  
SOC #142 IPARC #252  
EN54pc Winnebago Cty, Wisc.

-----  
Date: Fri, 08 Dec 2000 15:51:10 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: smckean@birch.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85816] Re: What IS "real" QRP?  
Message-ID: <3A3157CE.E29F03DB@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This is a hobby . . .

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

smckean@birch.net wrote:

>  
>            I have been seeing various posts recently that make me wonder  
> if I REALLY understand what QRP is.

-----  
Date: Fri, 8 Dec 2000 13:52:01 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <RangerSF5@aol.com>  
Cc: <qrp-l@lehigh.edu>  
Subject: [85817] RE: Where is all the help?  
Message-ID: <01c06161\$18702aa0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bob I note with interest your posting about the lack of help. You refer to the NorCal 40-M??? I am curious, just exactly what radio is that?? I am aware of the NorCal 40 kitted by the NorCal QRP Club 7 years ago, and the NorCal 40A, which was the commercial version done by Wilderness Radio. But I have no idea what a NorCal 40-M is.

When I have a question or a problem with a kit or radio, I go to the source. If I have a SWL rig, I go to Dave Benson, if I have a Elecraft rig, I go to

them, if I have a Red Hot Radio, etc..... Here is my suggestion. Why don't you email Wayne Burdick, N6KR at n6kr@elecraft.com or wayne@elecraft.com if you have a club kit. Wayne designed it and I am sure that he can help you. If you have a Wilderness Radio version, I suggest that you contact Bob Dyer at qrpbob@datatamers.com. Bob has always provided excellent service on all of his products. Please post a followup to the list, as I am sure others will be interested in your results. 72, Doug, KI6DS

-----  
Date: Fri, 8 Dec 2000 17:13:58 -0500  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: <schoon@amgt.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85818] RE: [OT]: morse code comment  
Message-ID: <GAECLOGOMILPLBGKKPEGEEPECAAA.crmabbott@mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Yes it is only a hobby, have fun with it guys!

These are a lot of good thoughts but I found listening to CW while driving:  
a) I am not ready to send yet

I have this observation. Around Detroit area, if you hear a series of Tango Tango Tango, and when you change freq it doesn't change, it is construction equipment backing up in the next lane!! Drive safe and everyone on the list have a great, safe, and joyous holiday!

"I would lay in my rack  
and say 'TANGO', 'TANGO' driving my roomates nuts"

73,  
Chuck AA8VS

Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!  
-- Brian Buydens



-----  
Date: Fri, 08 Dec 2000 14:37:39 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: RangerSF5@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85819] Re: Where's all the help??  
Message-ID: <3A3162B3.769B8795@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

RangerSF5@aol.com wrote:

>  
> Well, I was told that if you needed help this is the place to get it.  
> I made three technical post and received 1 reply.  
> I guess if I posted that my NC 40-M has everything working but I can't get  
> any power out so I'm selling it as is for \$25.00 shipped

Two problems:

- o What is an NC-40M? There was an NC-40 (NorCal) and an NC-40A (Wilderness).
- o Not many folks are building NC-40As these days (if that's what it is).

So it is hard to offer advice on radios when we have to assume (maybe incorrectly) what it is. And it's hard to recall what happened 5 yrs ago, when I built my NC-40A (it and the manual are in a box up in the garage rafters).

If it is a Wilderness NC-40a, the best thing to do is to call Bob Dyer at Wilderness Radio and get his advice, since he is still selling the kits and probably has heard most problems.

73, Phil

-----  
Date: Fri, 08 Dec 2000 14:44:50 -0800  
From: Paul Maciel <pmaciel@inow.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85820] QRPp Renewals - Winter Issue  
Message-ID: <3A316462.23DA5459@inow.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Everyone,

I'm just about to print up the labels for the soon to be mailed Winter 2000 Issue of QRPP. So if you haven't sent in you renewal to Jim I urge you to do it quickly so you won't miss out.

If you need to renew send a check (\$15 US/Canada, \$20 DX) to:

Jim Cates WA6GER  
3241 Eastwood Road  
Sacramento, CA 95821

If you have any questions on your subscription status please drop me a note, pmaciel@inow.com

Happy Holidays,  
---Paul AK1P San Jose, CA

-----  
Date: Fri, 8 Dec 2000 14:52:05 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <k7qp@primenet.com>  
Cc: <qrp-l@lehigh.edu>  
Subject: [85821] Chuck, just what is your position?  
Message-ID: <01c06169\$7c956600\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Chuck, read your post on the list about CW and "cheat cards". I was curious as to whether you had a strong feeling about this. Grin, Doug

-----  
Date: Fri, 8 Dec 2000 17:54:51 -0500  
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85822] Re: Where is all the help?  
Message-ID: <003e01c06169\$dffd03b00\$5d685ed1@obvious>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The other thing is that Bob has to have a little patience with this.

He posted a request for help at 1:53 PM EST, then the "Where is all the help" message at 4:09 PM -- all of this on a work day, when some people, even now, are not yet home from work, and haven't event THOUGHT of reading e-mail !

Just my \$ .02 !

72/73

Dick K2JQ

-----  
Date: Fri, 8 Dec 2000 15:56:13 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: gqrp@onelist.com, qrp-canada@lists.gpfn.sk.ca, qrp-1@lehigh.edu  
Cc: "Prof. Arnaldo Coro Antich" <inforhc@ip.etcusa.cu>, satern.europe@virgin.net  
Subject: [85823] [PROP] WEEKEND CONDITIONS  
Message-ID: <Pine.SUN.4.10.10012081546200.25109-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun has been fairly quiet, so no onset of any storm conditions are likely over the next several days.

However, between no solar activity and now sliding into the 28-day minimum, the solar flux is fairly low ... 138 today (friday) and low 130's this weekend. This will make propagation on the higher bands, 15-10M, very difficult. 10M may not support HF skip at all, and 15M will have periods of weak signal strengths and fading during the day, and will likely shutdown shortly after local sundown. 20M will remain in fairly good shape.

The solar wind is a bit high, around 650 km/sec., due to the effects of a coronal hole. We are passing through the high speed stream from this now, that will keep conditions a bit active, but not storm conditions. Just a little extra noise on 40M and below daytime and early evening, and lesser effects around 9pm local and after.

Basically fairly normal conditions on the bands, with the exception of doubtful use of 10M and a bit rocky on 15M.

Have a good weekend, on and off the bands.

72, Paul NA5N

> IV. Penticton 10.7 cm Flux  
> Observed 08 Dec 138  
> Predicted 09 Dec-11 Dec 135/135/130  
> 90 Day Mean 08 Dec 175  
  
> V. Geomagnetic A Indices  
> Observed Afr/Ap 07 Dec 008/013  
> Estimated Afr/Ap 08 Dec 017/020  
> Predicted Afr/Ap 09 Dec-11 Dec 020/025-010/015-005/012

-----  
Date: Fri, 8 Dec 2000 17:59:35 EST  
From: SABorns@aol.com  
To: qrp-1@lehigh.edu  
Subject: [85824] For Sale (Update) QRP Gear  
Message-ID: <f9.564076e.2762c1d7@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The LDG autotuners have been sold. Some of the prices have been lowered.  
All items are in like new condition and come with manuals. Prices include US  
Shipping

1. Sierra (Wilderness Radio) With KC-2 digital dial. Buzznot, 40, 30, 20,  
15, 17

meter modules. Also includes

German PA kit. \$325

2. Oak Hills OHR-500 w /DD-1 Digital Dial, and Tick Keyer \$290

3. Oak Hills OHR-100A 40 Meter with Tick Keyer \$80

4. Oak Hills OHR-100 15 Meter with Tick Keyer \$80

5. LDG QRP Auto Tuner \$85 SOLD

6. W9GR DSP-III \$105

Steve Bornstein K8IDN  
Columbus, Ohio

614-263-5819

-----  
Date: Fri, 8 Dec 2000 18:22:38 -0500  
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85825] Re: Chuck, just what is your position?  
Message-ID: <006e01c0616d\$c193eac0\$5d685ed1@obvious>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Chuck, read your post on the list about CW and "cheat cards".

<HEE HEE> Reminds me of the flash cards that they used in elementary school arithmetic.

I have "audited" Amateur Radio classes, then assisted, and taken over as an instructor. It has been my experience that people who learn "by sound" learn faster and go higher in speed than people who try to learn by character association ( "dot - dash" ).

Just my \$ .02

73,  
Dick K2JQ

-----  
Date: Fri, 8 Dec 2000 19:27:18 -0000  
From: "Ken Kirkley" <ogbc@mindspring.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [85826] SMK-1  
Message-ID: <004001c0614c\$e1d33d20\$daaff7a5@default>

Am looking for some insight into the difficulty of building the SMK-1. I have never done surface mount and have no clue as to its difficulty nor what tools are required. Any input would be appreciated.

73 & God Bless,  
Ken/N04D

-----  
Date: Fri, 08 Dec 2000 16:37:43 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Bob Hightower <nk7m@extremezone.com>, Roger Hightower <n7kt@worldnet.att.net>  
Subject: [85827] Contest: QRPDUPE 10M Phone Bug fixed  
Message-ID: <3A3170C7.B0C63C81@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

If you are going to operate Phone in the contest, and don't wish to use the CW mode to log, as I posted in my previous message, then you might want to download the very latest version that is on my Web site at:

<http://www.dancris.com/~bkassel/index.htm#top>

Good luck to all in the contest. Band looks to be in fine shape here in the SW US. Going to work countries more than go for a score this time, as I can't work the last 5-6 hours of the contest. I might just top off my DXCC Millennium Award.

Brian K7RE

-----  
Date: Fri, 08 Dec 2000 23:39:23  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [85828] Morse Code Tutor  
Message-ID: <F268SMQtACI34Lgo6Rr00012be2@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Oooh, since we are on the learning CW topic, has anyone built one of the following devices?

<http://www.qsl.net/ta1dr/cwtutor.htm>

It is a neat little hack. I finished building one a couple weeks ago (now I have to force myself to use it). It sends random letter groups in increasing complexity (and remembers which letters have been learned so far while it is switched off) at either 15 or 20 wpm. After sending a sequence it can be prompted to repeat the sequence and display it on the LCD.

Brad

-----  
---  
Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

-----  
Date: Fri, 8 Dec 2000 18:52:15 -0500  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [85829] Kenwood HF gear FS  
Message-ID: <078001c06171\$e4fc1ba0\$7554fea9@kensimps>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

Kenwood TS-130 S, HF transceiver.  
Operates SSB and CW, and includes the  
WARC bands. Effective speech processor  
is also built in, as is the fan on the solid state  
finals. It is a fairly small unit that would work  
great for mobile use. This one is as close to  
100% electrically as I can tell, and about a  
9.5 cosmetically. Manual included for \$325.

Kenwood VFO-120.  
This is the remote VFO that is used with the  
TS-120 and TS-130 (and maybe others) for "split"  
operation. Includes built in switching to operate  
only on main VFO in the rig, only on the remote  
VFO, or split either way. It also has RIT built in,  
and nice LEDs to tell you what is going on.  
This one is in very good shape cosmetically,  
and 100% electrically. Manual and cable  
included for \$100.

Kenwood PC-1 phone patch.  
This is the model with the 4 pin connectors,  
made to match the TS-130 above, as well as  
the TS-120, 520, 820, etc., although the connectors  
can easily be changed to 8 pin, if needed, to match  
the newer rigs. It includes a nice meter for adjusting  
the null so VOX will work OK, and for adjusting

levels. This particular unit looks like new. \$ 40

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-Mail to W8EK@fdt.net or W8EK@juno.com

Voice Phone (352) 732-8400

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End of QRP-L Digest 2030

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